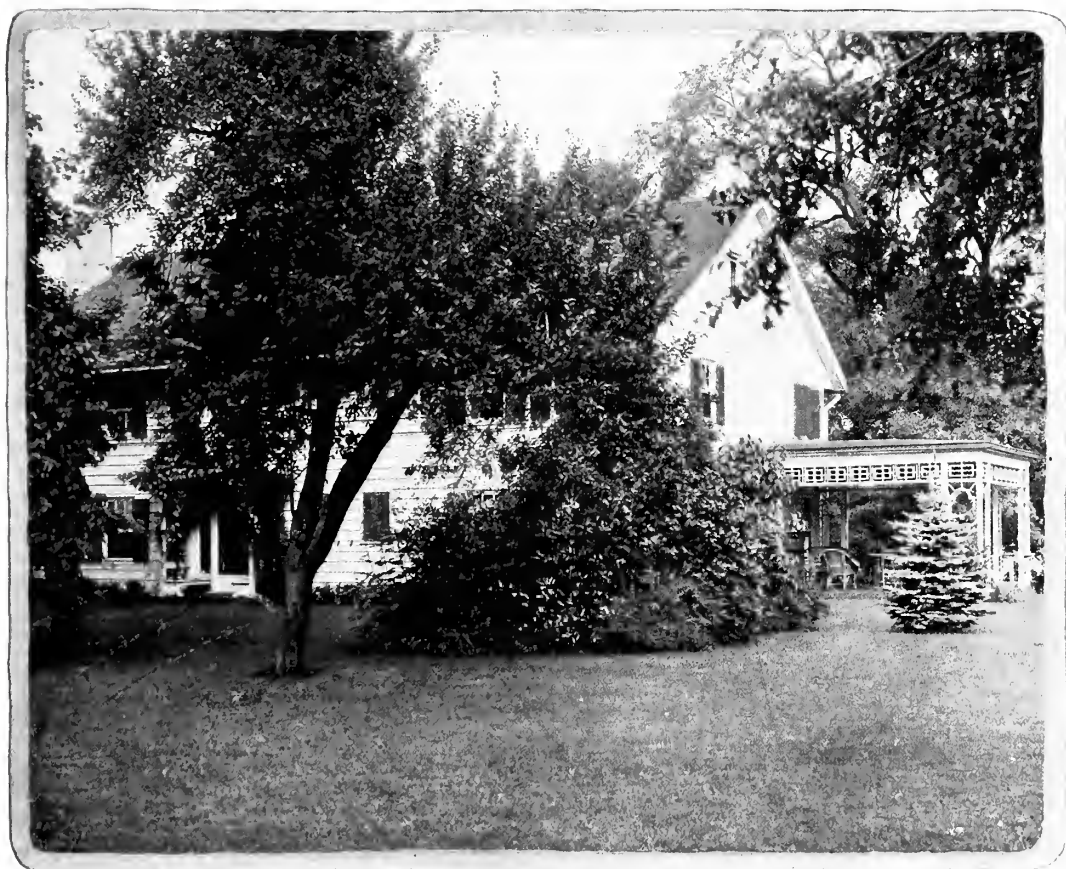


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Do not assume content reflects current scientific knowledge, policies, or practices.

Holco QUALITY *for* 1918

SEED BOOK



... *The* ...
HOLMES - LETHERMAN
· SEED COMPANY ·

C A N T O N , O H I O .

BUSINESS INSTRUCTIONS

WE DELIVER FREE (only as mentioned below) by Express or Parcel Post to any Freight Station, Express Office or Post Office in U. S. and possessions.

VEGETABLE SEEDS and FLOWER SEEDS quoted in this catalogue by the packet, ounce, quarter-pound, pound and two pound.

CUSTOMER PAYS TRANSPORTATION on all larger quantities of Seeds, Bulbs, Plants, Shrubs, Potatoes, Onion Sets, Farm Seeds, Grass Seeds, Implements and Sundries, except where specified.

EARLY ORDERING. It will be helpful to our customers, as well as ourselves, to have orders placed early. Our policy is to make prompt shipments, but this is impossible as the busy season reaches its height. If your order is received late we may be sold out, as in case of shortage of crops, with no more stock obtainable. Send your order early, we will do the rest.

HOW TO ORDER. Please be careful to SIGN YOUR NAME, POSTOFFICE, COUNTY AND STATE on each and every letter or order sent us. Cash should accompany the order.

You may remit at our risk, either by postoffice order, bank draft, express order, or cash by registered letter. We take postage stamps the same as cash.

We Make No Charge for Packing or Boxes.

YOU RUN NO RISK in sending cash with order. Our financial responsibility can be learned from any bank, trust company, or merchant who subscribes to either of the Commercial Agency Reports.

DELIVERIES. OUR SEEDS, BULBS AND PLANTS are all well packed to withstand general transportation, and every precaution taken for their safe delivery to the purchaser. In case of accident by broken packages, bulbs being lost or jammed and bruised, plants broken, or seeds lost, either sign for them "damaged," or refuse to accept such, and have transportation company return them to us, notifying us instantly of same.

We guarantee safe delivery to the Railroad and Express Companies. Our responsibility ceases when we take Railroad or Express signature.

SHIPPING FACILITIES OF CANTON. The Pennsylvania R. R., B. & O. R. R., Wheeling & Lake Erie R. R., express service of the Adams, Wells-Fargo, Electric Package and American Express Companies offer quick transportation to any part of the United States.

PRICES. The prices quoted in this catalogue are net. All prices quoted in this catalogue are subject to change without notice.

ADDRESS. It is quite necessary to have names and address as complete as possible and written plainly, to avoid delay and goods missent.

CENTRAL SYSTEM. We have, for the convenience of our customers as well as ourselves, discontinued the use of the terms bushel, peck, quart and pint and now quote all seed listed in our catalogue by weight.

Ten pounds of Beans, Corn or Peas are now supplied at the 100 pound rate. On Grass, Clover, Farm Seed and other seeds where 100 pound prices are quoted we supply 25 pounds at 100 pound rate.

HUNDRED POUND LOTS. When ordered at the 100 pound rate we deliver free at depot or express office in Canton, O., the freight or express charges to be paid by customer.

SEEDS BY WEIGHT. We supply half pound and over at pound rates; less than half pound lots are charged at ounce, or quarter pound rates.

PARCEL POST. Customers living on R. F. D. routes, and beyond express delivery, will aid us by stating:

"Goods reach us by Parcel Post only"
to avoid mistakes in sending by express.

CONDITIONS OF SALE. Seeds of best quality will sometimes fail through improper treatment. This may be due to one or more of several reasons, such as covering too deeply or not deeply enough, too much or too little water, too cold weather or a baking sun which forms a crust too hard for the tender shoots to penetrate. Sometimes insects destroy plants at the surface before they are seen by the gardener. We cannot personally direct the use of our goods after they leave our hands; neither can we fully control anywhere at any time the weather conditions as it affects seeds, therefore, we give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

THE HOLMES-LEATHERMAN SEED COMPANY

H. L. HOLMES, JR., General Mgr.

PARCEL POST RATES

United States Parcel Post Rates (Seeds, plants and bulbs included)	First pound or fraction	Each additional pound or fraction	Packages must not exceed 84 inches (length and girth com- bined)
Local Rate—Canton, Ohio, P. O.	\$0.05	\$0.01	Limit of weight this zone, 50 lbs.
1st Zone, within 50 miles of Canton, O. ....	.05	.01	" " " " " 50 "
2d Zone, over 50 and under 150 miles of Canton, O. ....	.05	.01	" " " " " 50 "
3rd " " 150 " " 300 " " " " " " " " " " " "	.06	.02	" " " " " 20 "
4th " " 300 " " 600 " " " " " " " " " "	.07	.04	" " " " " 20 "
5th " " 600 " " 1000 " " " " " " " " " "	.08	.06	" " " " " 20 "
6th " " 1000 " " 1400 " " " " " " " " " "	.09	.08	" " " " " 20 "
7th " " 1400 " " 1800 " " " " " " " " " "	.11	.10	" " " " " 20 "
8th " All cities and towns over 1800 miles of Canton	.12	.12	" " " " " 20 "

All small Parcel Post packages (seeds, plants and bulbs included), weighing 8 ounces or less, can be sent at the special rate of 1 cent for each 2 ounces or fraction to all parts of the United States. (Over 8 ounces must be sent at Parcel Post Rates.)

ORDER FOR **Seeds, Bulbs and Plants** **The Holmes-Letherman Seed Co.**

Office and Retail Store
 222-224 N. Cleveland Ave. **Canton, Ohio**

Date.....191.....

Name.....
 Ladies will please put the prefix Miss or Mrs.

Street Address }
 Box Number }
 R. D. }

Post Office.....

County.....State.....

Express Office (If different from P. O.).....

Please forward Goods by.....

State whether by **Mail**, **Express** (and company), **Freight** (and Route).

DO NOT WRITE IN THESE SPACES

Order No.....

Date Rec'd.....

Date Shipped.....

Shipped via.....

Postage.....

Filled by.....

Checked by.....

Bags.....Boxes.....Pkgs.....

AMOUNT ENCLOSED

Money Order \$.....

Postage Stamps \$.....

Check - - - \$.....

Cash - - - \$.....

We Deliver Free All Seeds ordered by the packet, ounce, ¼ pound, ½ pound, pound and two pounds. On larger quantities the customer pays for transportation. See Inside of Front Cover.

QUANTITY	ARTICLES WANTED	Check	PRICE
	It is sufficient to order by number only, flower seeds		


From.....

P. O.

State.....

PLACE
STAMP
HERE

The Holmes-Letherman Seed Co.

 **Bulbs, SEEDS, Plants**

Canton
Ohio
 224 N. Cleveland Ave.

	Amount Carried Forward,		
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The Holmes-Letherman Seed Co. give no warranty, express or implied, as to description, quality, productiveness, or other matter of any seeds, bulbs, plants or trees they send out, and will be in no way responsible for the crop. If the purchaser does not accept seeds on these terms, they are at once to be returned.

[illegible]

Special Notice: We shall esteem it a great favor if you will give us below, the NAMES and ADDRESSES of any of your friends that are interested in gardening. We wish to send them our CATALOGUE.

[illegible]

PLEASE BE SURE TO FILL IN YOUR NAME AND ADDRESS ON OTHER SIDE

PLACE YOUR ORDERS EARLY!

The present available seed crop is far from a reasonable normal supply. The growing conditions in the states have been bad. It was late before seeds were able to be planted, and with a slow growing season, crops did not mature sufficiently before the frosts came and those that did mature were held back on account of heavy rains, and insufficient help to get crops under cover played its part.

Seeds which have usually come from abroad have been almost entirely taken from our market—because of the present disturbance in Europe. Seeds such as Beans, Peas, Corn, Onions, Carrots and Beets, which we grew in the United States this year, have suffered. The seeds of these are very scarce. Would advise our customers to place their orders early.

EVERY HOME ITS VEGETABLE GARDEN

No vegetables ever come to a table at home like those gathered fresh from the home garden.

It's a common saying that a good garden furnishes one-half the food of a family. This is true or false, as we interpret the term "Good garden." A real garden is supposed to supply fresh vegetables in abundance during the growing season, a surplus for canning purposes, so that the home may have all the good wholesome canned tomatoes, beans, peas, corn, asparagus, etc., that are used during the winter season, and an extra surplus for the market. A good garden supplies something for the table every day in the year.

A garden properly planted and intelligently cultivated is one of the greatest assets of the home and always contributes its full share toward the general welfare, health and prosperity of the home.

Every family on every farm should have a garden, the land owner who cultivates his own land should provide a garden for himself and family; the tenant who cultivates land that is not his own should be given a small piece of land and time enough to grow a garden on it.

It is not right that people who live in the country should depend on the groceries for either their fresh or canned vegetables. We live in a land of sunshine and have unbounded opportunities for gardening.

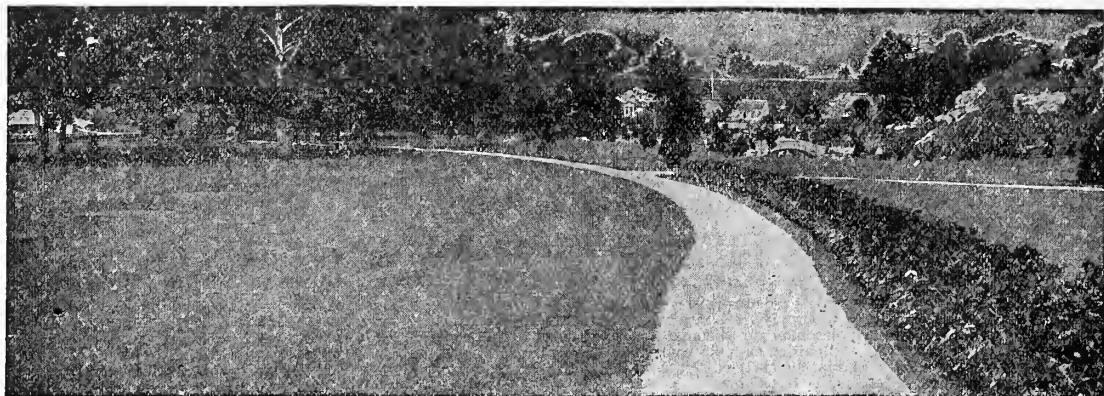
"Make your neighbor sit up and take notice."

THE GARDENER'S GUIDE

The valuable information given below should be varied with the latitude: North of Canton, plant about one week later for every degree of latitude; south of Canton, about one week earlier for each degree.

[Brackets indicate that a late or second crop may be planted the same season.]

KIND OF VEGETABLE	WHEN TO PLANT IT	HOW TO PLANT IT Seeds or plants per row of 100 feet	HOW FAR APART TO PLANT IT		Depth of planting	Ready for use after planting
			Distance between plants	Distance between rows		
Asparagus, seed	Early spring	1 ounce	1 to 2 ft.	3 to 5 in.	1 to 2 in.	3 to 4 years
Asparagus, plants	Early spring	60 to 80 plants	12 to 24 in.	15 to 20 in.	3 to 5 in.	1 to 3 years
Beans, bush	April to July	1 pint	18 to 24 in.	5 or 8 to ft.	1/2 to 2 in.	40 to 65 days
Beans, pole	May and June	1/2 pint	3 to 4 ft.	3 to 4 ft.	1 to 2 in.	50 to 80 days
Beets	April to August	2 ounces	12 to 18 in.	5 or 6 to ft.	1 to 2 in.	60 to 80 days
Brussels sprouts	May and June	1/2 ounce	24 to 30 in.	16 to 24 in.	1/2 in.	90 to 120 days
Cabbage, early	March and April. (Start in hotbed during Feb.)	1/2 ounce	24 to 30 in.	12 to 18 in.	1 in.	90 to 130 days
Cabbage, late	May and June	1/2 ounce	24 to 36 in.	16 to 24 in.	1/2 in.	90 to 130 days
Carrot	April to June	1 ounce	18 to 24 in.	6 or 7 to ft.	1/2 to 1 in.	75 to 110 days
Cauliflower	Apr. to June. (Start in hotbed during Feb. or Mar.)	1/2 ounce	24 to 30 in.	14 to 18 in.	1/2 in.	100 to 130 days
Celery	May and June. (Start in cold frame during Apr.)	1/2 ounce	18 to 24 in.	4 or 5 to ft.	3/8 in.	100 to 150 days
Celery	May and June. (Start in hotbed or cold frame during March or April.)	1/2 ounce	18 to 36 in.	4 to 8 in.	3/8 in.	120 to 150 days
Chervil	Autumn	1 ounce	18 to 24 in.	3 or 4 to ft.	1 in.	1 year
Chicory	May and June	1/2 ounce	18 to 24 in.	4 or 5 to ft.	1/2 in.	5 to 6 mo.
Collards	Late spring	1/2 ounce	24 to 30 in.	14 to 18 in.	1/2 in.	100 to 120 days
Corn salad	March to September	2 ounces	12 to 18 in.	5 or 6 to ft.	1/2 to 1 in.	60 days
Corn, sweet	May to July	1 pint	30 to 36 in.	30 to 36 in.	1 to 2 in.	60 to 100 days
Cress, upland	March to May. [September]	1/2 ounce	12 to 18 in.	4 or 5 to ft.	1/2 to 1 in.	30 to 40 days
Cress, water	April to September	1/2 ounce			On surface	60 to 70 days
Cucumber	April to July	1/2 ounce	4 to 6 ft.	4 to 6 ft.	1 to 2 in.	60 to 80 days
Dandelion	Early spring	1/2 ounce	18 to 24 in.	8 to 12 in.	1/2 in.	6 to 12 mo.
Eggplant	April and May. (Start in hotbed during Mar.)	1/2 ounce	24 to 30 in.	18 to 24 in.	1 to 1 in.	100 to 140 days
Endive	April. [July]	1 ounce	18 in.	8 to 12 in.	1/2 to 1 in.	90 to 180 days
Horse-radish	Early spring	70 roots	24 to 30 in.	14 to 20 in.	3 to 4 in.	1 to 2 years
Kale, or horcole	August and September. [March and April.]	1/2 ounce	18 to 24 in.	18 to 24 in.	1/2 in.	90 to 120 days
Kohl-rabi	March to May	1/2 ounce	18 to 24 in.	4 to 8 in.	1/2 in.	60 to 80 days
Leek	March to May	1/2 ounce	14 to 20 in.	4 to 8 in.	1 in.	120 to 180 days
Lettuce	March to September	1/2 ounce	12 to 18 in.	4 to 6 in.	1/2 in.	60 to 90 days
Melon, muskmelon	April to June. (Start early plants in hotbed during March.)	1/2 ounce	6 to 8 ft.	Hills 6 ft.	1 to 2 in.	120 to 150 days
Melon, watermelon	May and June	1 ounce	8 to 12 ft.	Hills 10 ft.	1 to 2 in.	100 to 120 days
Mustard	March to May. [September]	1/2 ounce	12 to 18 in.	4 or 5 to ft.	1/2 in.	60 to 90 days
New Zealand spinach	Early spring	1 ounce	24 to 36 in.	12 to 18 in.	1 to 2 in.	60 to 100 days
Okra, or gumbo	May and June	2 ounces	3 to 4 ft.	24 to 30 in.	1 to 2 in.	90 to 140 days
Onion, seed	April and May	1 ounce	12 to 18 in.	4 or 5 to ft.	1/2 to 1 in.	130 to 150 days
Onion, sets	Autumn and February to May	1 quart of sets	12 to 18 in.	4 or 5 to ft.	1 to 2 in.	90 to 120 days
Parsley	September and early spring	1/2 ounce	12 to 18 in.	3 to 6 in.	1/2 in.	90 to 120 days
Parsnip	April and May	1/2 ounce	18 to 24 in.	5 or 6 to ft.	1 to 1 in.	125 to 160 days
Peas	March to June	1 to 2 pints	30 to 36 in.	15 to ft.	2 to 3 in.	40 to 80 days
Pepper	May and June. (Start early plants in hotbed during March.)	1/2 ounce	18 to 24 in.	15 to 18 in.	1/2 in.	100 to 140 days
Potato, Irish	March to June	5 lb. (or 10 bu. per acre)	24 to 36 in.	14 to 18 in.	4 in.	80 to 140 days
Potato, sweet	May and June. (Start plants in hotbed during Apr)	3 lbs. (or 75 slips)	3 to 5 ft.	14 in.	3 in.	140 to 160 days
Pumpkin	May to July	1/2 ounce	8 to 12 ft.	Hills 8 to 12 ft.	1 to 2 in.	100 to 140 days
Radish	March to September	1 ounce	12 to 18 in.	8 to 12 to ft.	1/2 to 1 in.	20 to 40 days
Rhubarb, seed	Early spring	1/2 ounce	30 to 36 in.	6 to 8 in.	1/2 to 1 in.	2 to 4 years
Rhubarb, plants	Autumn or early spring	33 plants	3 to 5 ft.	3 ft.	2 to 3 in.	1 to 3 years
Rutabaga	May and June	1/2 ounce	18 to 24 in.	6 to 8 in.	1/2 to 1 in.	60 to 80 days
Salsify	Early spring	1 ounce	18 to 24 in.	2 to 4 in.	1/2 to 1 in.	120 to 180 days
Spinach	September or very early spring	1 ounce	12 to 18 in.	7 or 8 to ft.	1 to 2 in.	30 to 60 days
Squash, bush	April to June	1/2 ounce	3 to 4 ft.	Hills 3 to 4 ft.	1 to 2 in.	60 to 80 days
Squash, late	April to June	1/2 ounce	7 to 10 ft.	Hills 7 to 9 ft.	1 to 2 in.	120 to 160 days
Tomato	May and June. (Start early plants in hotbed during February and March.)	1/2 ounce	3 to 4 ft.	3 ft.	1/2 to 1 in.	100 to 140 days
Turnip	April. [July]	1/2 ounce	18 to 24 in.	6 or 7 to ft.	1/4 to 1/2 in.	60 to 80 days



“Velvet Green” Lawn Grass Seed

We have endeavored to give you a LAWN GRASS SEED MIXTURE which will produce a perfect turf of deep green, velvety sward, free from clumps, in from 4 to 6 weeks' time.

The “Velvet Green” Lawn Grass Seed is intelligently arranged combination of fine-leaved, dwarf grasses, which will stand wear and tear, outlive the winter, retaining at all times its lustrous green color. It is impossible to make an enduring lawn by sowing seeds of a single variety, which will only grow for a portion of the year. Kentucky Blue Grass, for instance, which is sometimes recommended for lawns, grows but sparsely during midsummer, is slow to form a close sward, requiring 2 years, and loses color in hot weather.

The question of good lawns is not only the question of sowing the very best grass seed, but you must have the correct grasses assembled to produce a good permanent and fine textured lawn.

In order to develop these grasses you must if you want to get the full value of your labor and the seed, make soil conditions that will favor these developments (train your grasses as it were).

If it is a question of simply having green growth of grass, lime and fertilize your surface soil and any mixture, no matter how cheap will have one or two varieties that will exist but they usually are the commonest kind of grasses, fast growers possibly some clover but the fine bladed grasses, such as should be in your lawn will give way under adverse conditions.

Therefore it pays to make your soil suitable for the grasses you want to develop, and the very best grasses do not require an over fertilized soil but they must have a fine texture and granular soil, such as fine sand. Pulverized sheep manure or rotten manure worked into a clay soil, will take care of them and roll with care. On a sand or sandy loam, lime humus, and plenty of sheep manure to build a body in the soil will be all that is required.

The “VELVET GREEN” LAWN GRASS SEED is composed entirely of the best re-cleaned seeds. It is free from chaff and weighs 22 to 25 pounds per measure bushel.

WHITE CLOVER is included in “HOLCO” VELVET GREEN LAWN GRASS, but only sufficiently to help thicken the bottom of the sod.

Price—lb., 40 cts.; 5 lbs., \$1.85; 10 lbs., \$3.50; 100 lbs., \$32.00; (25 lbs. or more supplied at 100 lb. price).

Cultural leaflet—“How To Make a Lawn” FREE
with order

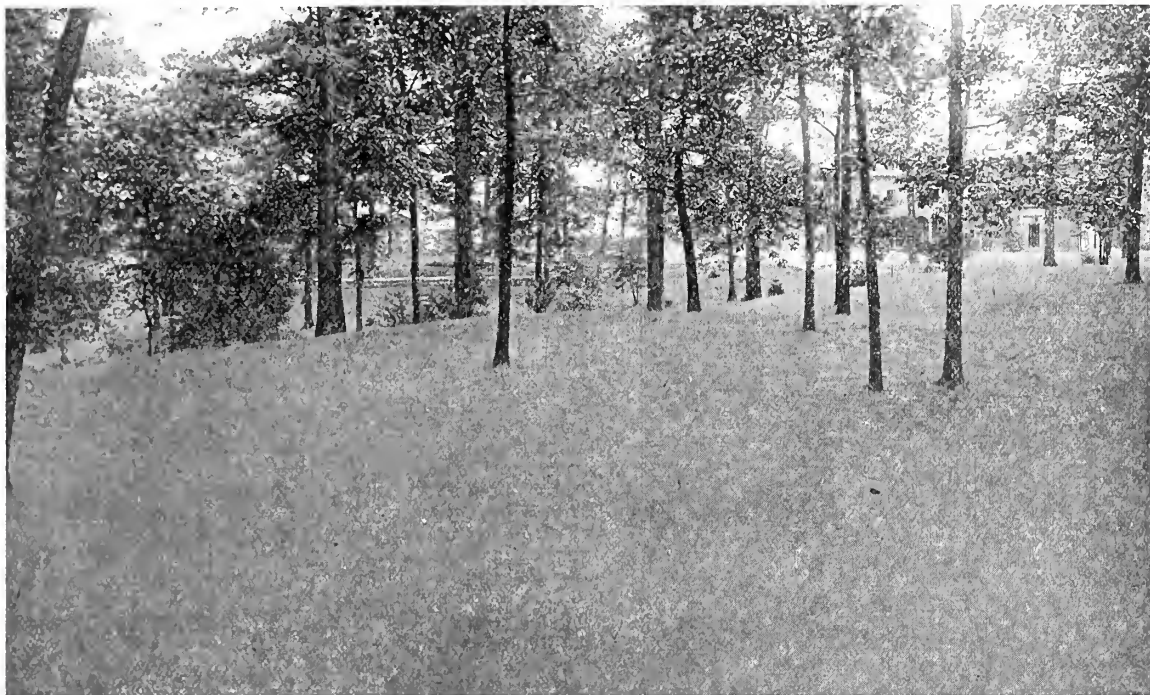
Quantities of Seed to Use

25 lbs. for one-fourth acre . . .	1 lb. for 300 sq. ft.
50 lbs. for one-half acre	5 lbs. for 1,500 sq. ft.
100 lbs. for one acre	10 lbs. for 3,000 sq. ft.
	15 lbs. for 4,500 sq. ft.

If intended for renovating an old lawn, about half the above quantities are sufficient for the given spaces.

Chas. Chader, Mgr. H. H. Timken Farms.—“It gives me great pleasure to inform you of the good results I have had with your Lawn Grass Seed. I used it extensively this past spring at places where there was difficulty in getting good lawns, and where the successful results from your seeds have been remarkable. The lawn among the trees affords the very best evidence of the high quality, purity and permanence of your Lawn Grasses. Your mixtures, I consider especially valuable.”

For other “Grasses” see page 57.



In the grove of the H. H. Timken estate. The lawn was sown with "Holco" Lawn Grass Seed and shows the remarkable turf which the seed has produced.



Shaded Lawn Grass Seeds

Shaded locations, produced by overhanging large trees, shrubbery, buildings, etc., have often been found difficult to keep in grass. We have made a special study of such conditions, have combined a mixture of grasses that will produce a perfect sward in the most densely shaded place. It must be borne in mind that too much shade creates sour soil, and to guard against this, apply lawn lime at the rate of 50 lbs. to 200 sq. ft. lawn. Lime can be applied periodically during the summer. Frequent fertilizer applications, such as bone meal or sheep manure, are a great help in establishing a thick, healthy growth of grass in shaded places. This mixture weighs 22 to 25 lbs. per bushel, and will prove to be a remarkable success. Price, lb., 40 cts.; 5 lbs., \$1.85; 10 lbs., \$3.50; 100 lbs., \$32.00; (25 lbs. or more supplied at 100 lb. price).

Holco Terrace or Embankment Lawn Grass Seed

This is a special blend of grasses. Especially suited for sowing on terraces, embankments and hillsides. Grasses that produce long, strong, fine-leaved, deep rooting, spreading roots, thus preventing heavy rains from washing them out; that will withstand drought and exposure and at the same time produce a green, velvety turf throughout the season. There need be no fear of introducing coarse grasses into your lawn by sowing this mixture, for, though strong-rooted, the grasses are fine-leaved. Price, lb., 40 cts.; 5 lbs., \$1.85; 10 lbs., \$3.50; 100 lbs., \$32.00; (25 lbs. or more supplied at 100 lb. price).

Mary E. P. Ambler, Bent Brooke, New Berlin Rd.—
"We used nothing but seeds from Holmes-Letherman Seed store, and in spite of the hot dry summer we had a most satisfactory garden, our tomatoes and melons being unusually fine."

J. H. Hunter, Canton, O.—"The seed I got of you grew and gave me a fine lawn and was green throughout the entire season."

Ask for "HOLCO LEAFLET" giving directions for preparing the ground and sowing the seed and proper care of the lawn.

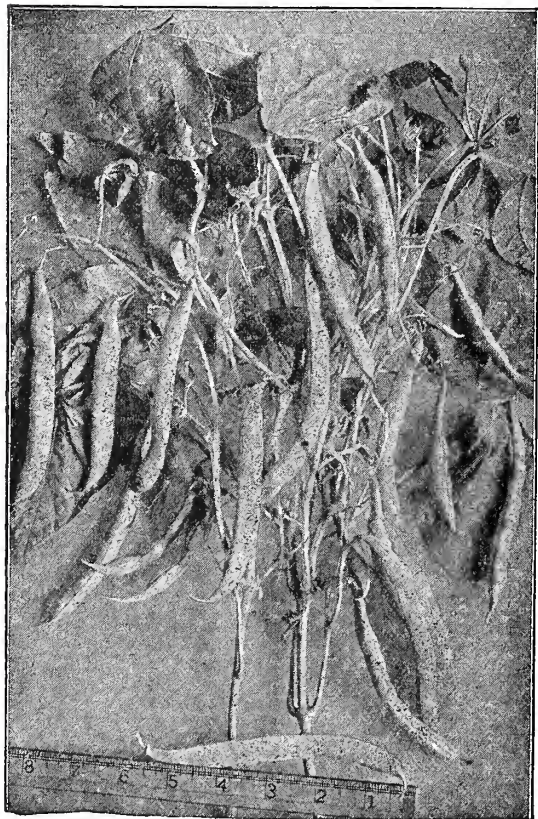
HOLCO PERMANENT GRASS MIXTURE FOR PERMANENT PASTURE AND HAY

Sow 50 to 75 pounds to the acre, or half this amount in established pasture.

This is becoming more generally used each season by progressive and successful farmers who desire an abundance of hay and permanent pasturage. This mixture is made up of the Grasses best calculated to afford an abundant and nutritious food-supply for stock, and its formula is based upon years of successful experience. It thrives well on all soils and is not seriously affected by the different climatic conditions. Will outyield timothy and will thrive in soils where the latter fails. Not only does it produce an abundance of hay, but will give an excellent pasturage after it has been cut. In many cases it will produce two crops a season, whereas from timothy alone you can cut but one. If your fields are old and worn out, it will pay you to plow up and seed again, when you will soon be cutting heavy crops from our Permanent Pasture Mixture. In ordering, state whether for light or heavy soil. Should you desire a Special Mixture for renewing old pasture, etc., write us and we will give information. Lb. 30 cts., 10 lbs. \$2.75, 100 lbs. \$25.00, (25 lbs. or more supplied at 100 lb. price).

WHITE DUTCH CLOVER SEED—Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. Lb. 75 cts. postpaid. Price per bu. on application.

Holco Tested Seeds—Novelties and Specialties



SURE-CROP STRINGLESS WAX BEAN

BOUNTIFUL BEAN

A Flat Green-Podded Bush Bean. Always Solid Tender and of Delicious Flavor

A six weeks' Bean, with a flat pod, being entirely stringless, very prolific, hardy and bearing for a long time. The **FIRST IN SPRING, THE LAST IN FALL**, very tender and of delicious flavor. This variety, while unrivaled in its class for the home garden, is also coming into great demand among the truckers, who find that its handsome appearance and luscious quality hold their customers.

Moreover, the pods are **ABSOLUTELY STRINGLESS**, entirely free from any tough, membranous lining, not only when young, but this tender "snap brittle" quality is retained even into maturity. You can not fail in planting this variety.

Price, pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts., postpaid, 100 lbs. \$25.00.

HOLCO CULTURE LEAFLET THE VEGETABLE GARDEN

(Free with order when asked for)

SURE-CROP STRINGLESS WAX

**An Absolutely Stringless Bush Bean
Enormous Pod, Good Yields**

An Early Flat, Golden Yellow, Wax-Podded Variety

A comparatively new variety, but has come very rapidly into general favor. It is in our opinion a decided acquisition. The plant is strong, dwarf, not too strongly branching, with large, almost smooth, lustrous green leaves. Bears an enormous crop of pods of a most beautiful yellow color. This color is maintained clear to the tips. The pods are about six inches long and almost straight, but with the valuable characteristic of curving slightly at the ends towards maturity, thus avoiding contact with the ground, and preventing liability to rust and rot, also preserving intact the natural beauty of the pod. We have found it very early, which alone renders it extremely valuable. The color develops very early in the growth of the pods, which remain tender for a long period. The flavor is excellent, and both plant and pod are free from rust and blight.

Price, pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., postpaid, 100 lbs. \$30.00.

J. G. Exline, Canton, O.—"The Sure-Crop Beans purchased from you are a wonder. Planted Sure-Crop June 27, picked August 19, fifty days. Can you beat that?"

NEW HARDY WAX

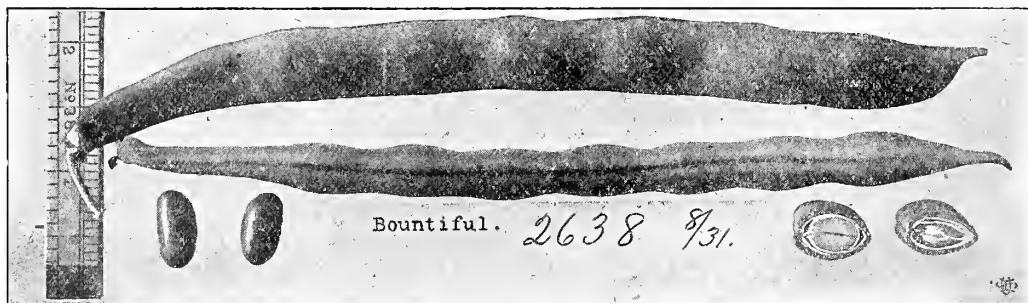
Early—Stringless, Round, Yellow Pods

"One of the best of the newer sorts and possibly the handsomest and best general purpose wax bean. In trials its pods are straight, uniform in color and size, very attractive wax sort and productive. Snap pods very uniform in size, long to medium, very straight, round, medium yellow, extremely brittle, absolutely stringless, without fibre and of excellent quality. Early and hardy as German Black Wax or Round Pod Kidney Wax, with yellow shell pods borne equally above and below foliage, never colored or splashed."

This bean is the earliest of all the wax sorts, and is rust-proof and free from disease attacks, and is unsurpassed by any bean of its type on the market.

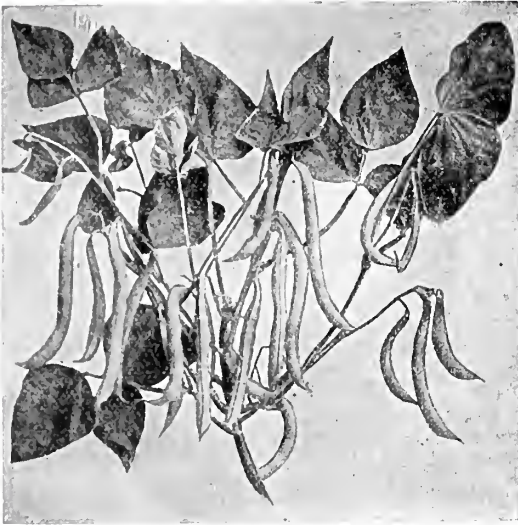
Price, pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., postpaid, 100 lbs. \$30.00.

Mrs. Louis S. Fitz, Randolph, Ohio.—"I was much pleased with the promptness with which you filled my order. All your Bountiful Bean seeds have grown."



When ordering, ask for our Leaflet on Hot Beds and Frames

White-Seeded Stringless Green-Pod Beans



WHITE-SEEDED STRINGLESS GREEN-POD

The best green-podded bush bean yet produced! The original Stringless Green-Pod, so long famous, matures from 3 to 5 days earlier. New White Seeded Stringless Green-Pod bushes attain a height of 18 to 20 in., are very vigorous, their prolific character is immediately noticed when one separates the foliage at the top. They produce an enormous crop of handsome pods. Pods measure from $5\frac{1}{2}$ to $6\frac{1}{2}$ in. long, $\frac{1}{2}$ in. wide, $\frac{1}{2}$ in. thick—so full and fleshy that they are almost perfectly round. They are brittle, juicy, absolutely stringless at all stages of growth. The handsome, light-green pods will immediately attract all who desire both quality and quantity. The seed being white can be used for dried beans in the winter. Pkt. 10 cts., lb. 75 cts., 2 lbs. \$1.25 cts. postpaid.

Crop very short.

HOLMES' GREEN-PROLIFIC POLE LIMA BEANS

The Largest Podded and Heaviest Cropper of All Lima Beans

The pods are truly larger in size, frequently measuring from 7 to 8 in. in length by from $1\frac{1}{2}$ to nearly 2 in. in width. The beans are extra large and thicker than any other Pole Lima, excepting only those of the Potato Lima type; they are invariably of finest flavor. HOLMES' GREEN-PROLIFIC excels all other Limas in vigor of growth. The vines grow so rapidly that they quickly cover the poles. In rich ground we would recommend planting only two or three seeds to a hill and thinning out to one plant. The pods, borne in clusters of from 4 to 8, stand out well from the foliage.

Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts. postpaid, 100 lbs. \$25.00.

PIONEER PEA

Dwarf—Dark Green—Giant Pod

This new, large podded Early Wrinkled Pea is in great favor with market gardeners in all sections. The handsome large pods, which are well filled with big peas of delicious flavor, make it a good seller on the market stall. The vines are extremely vigorous, growing only 15 to 18 inches high; with dark-green foliage, and produce a wonderful crop of pods. PIONEER is one of the earliest wrinkled peas, bearing its dark-green pods about the same time as Prosperity or Gradus, but a much heavier cropper and of quality equally as good. Crop very short.

Pkt. 15 cts., lb. 75c, 2 lbs. \$1.25 postpaid.

MASTERPIECE PEA

We are offering this large podded variety with the utmost confidence that it will give satisfaction to all, especially to those who grow for early market.

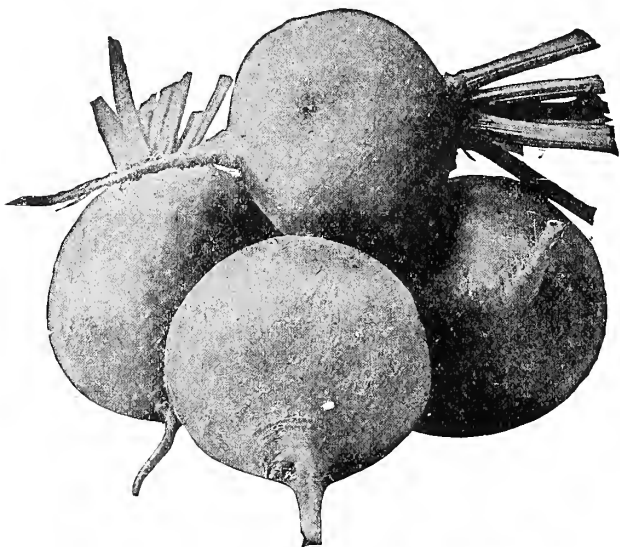
The vines average 22 inches in height, growth very sturdy. Pods straight, blunt at the end, usually contain eight rich green peas of delicious flavor.

Will mature with Nott's Excelsior, therefore may be termed a first early. No one should fail to give this pea a trial.

Pkt. 10 cts., Lb. 60 cts., 2 lbs. \$1.10 postpaid, 100 lbs. \$30.00.



HOLMES' GREEN-PROLIFIC POLE LIMA



"HOLCO" FIREBALL BEET

"Wisconsin" Hollander Cabbage

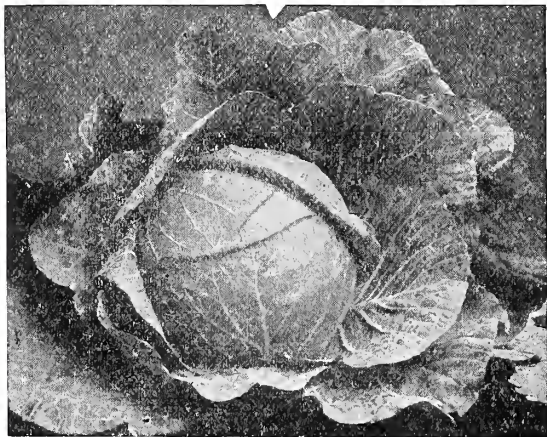
The New Disease Resistant
Hollander Cabbage

This strain of seed was originated at the Wisconsin Experiment Station, who introduced a selected disease (Yellows), resistant strain of Hollander Cabbage into the districts where cabbage growers have been greatly bothered with Yellows in their crops; the selection has been a big success.

We have spared no expense to obtain our seed from one of the largest growers of cabbage who has been growing his own seed.

Owing to the method used in growing this seed, and the shortage of crop this year, we are only able to offer it in limited quantities. If any grower has been having trouble with disease in his cabbage, believe it would be to his advantage to give this variety a trial. Advise placing order early.

Price, 35 cts. pkt., 3 pkts. for \$1.00.



COPENHAGEN MARKET CABBAGE

Mrs. W. C. Green, Glenardene.—"Having used your seeds exclusively this season with splendid results, I can recommend them. The vegetable and flower seeds were especially good, and I most certainly wish you all the success you want and as good results with your seeds as I have had with them this season. Thanking you."

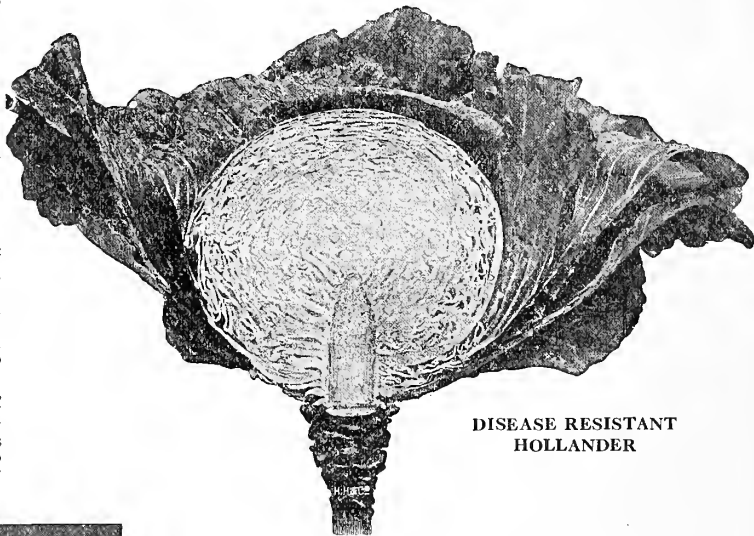
"Holco" Fireball Beet

A SPECIALLY SELECTED STRAIN IT HAS NO SUPERIOR

An Early Maturing Beet. The finest Shaped Beet in the World. The Deepest Blood Red of all Beets. Has No Equal for Table Use. The Most Handsome Beet Grown

It leads all others. This beet has no superior. For market purposes it is the popular favorite everywhere as its attractive appearance, perfect globe shape, catch the fancy of the most critical buyers. Much superior in quality to the Egyptians, having very fine grained, rich and exceedingly tender flesh. The leaves are small, upright, of rich purple color, and borne on slender stems, occupying but a small portion of the bulb. The roots are uniformly medium sized. The surface is remarkably smooth. It has a very small tap root. The color of the skin and flesh is a brilliant, dark fiery red, the richest darkest red of any beet. This intensity of color is retained when cooked. Fireball is equally valuable for early frame work and for the open ground. Will give the best satisfaction to all whether they grow for pleasure or profit. See illustration.

Price, pkg. 10 cts., oz. 20 cts. ¼ lb. 60 cts., lb. \$2.00 Postpaid.



DISEASE RESISTANT
HOLLANDER

Early Cabbage Copenhagen Market

With thousands of growers throughout America, Copenhagen Market has proved its unique value in being the first roundhead Cabbage of good size to mature uniformly as early as Jersey Wakefield—and yield heavier crops. First introduced six years ago, Copenhagen Market has already become immensely popular with market gardeners throughout America. The Heads are round in form averaging about 8 pounds in weight; are very solid, with small core and of good quality. Plants are short-stemmed, the heads being produced almost on the level of the ground. Leaves are light green, rather small, saucer-shaped, and always tightly folded. It is ready for the market fully as early as the Early Jersey Wakefield, and the heads being larger give a heavier yield per acre than that popular variety. We offer the true stock grown under contract for us in Denmark. Unfortunately there is on the market a later strain grown in Holland and sold under the same name.

Pkt. 10 cts., oz. 50 cts., ¼ lb. \$1.40, lb. \$5.00, postpaid.



PE-TSAI—From a Photograph

Pe-Tsai, Chinese or "Celery" Cabbage

The new vegetable known as Chinese celery cabbage was unknown in this country, except among the Chinese of the Pacific coast, but it is now being grown in every state in the union by those who are ready to grow something new and try it in every possible way to determine the good qualities. The culture is the same as for Winter Cabbage.

Is not found practical to grow it in the early summer, as it inclines to go to seed without heading. The seed should be sown in July to September, half inch deep in the row and rows about 24 inches apart. When the plant has grown up 5 or 6 inches in height thin to 10 inches apart, keeping the best and pulling up the others. Cultivate well, and when large enough should be blanched by earthing up and tying closely with burlap. Any good soil is sufficient, a most excellent vegetable can be grown. Develops quickly, and as the weather gets cooler, it heads up nicely, producing nice, crisp, celery-like stalks, closely headed in, until it forms quite a compact mass. It can be eaten raw, made into salads, or cooked as cabbage or greens. Does not require long to cook thoroughly. Is rapidly finding a place in the markets, and people are using it as rapidly as it is brought to them. Will be found an excellent addition to late summer and autumn vegetables.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., 1 lb. \$3.00 postpaid.

HOLCO OHIO YELLOW GLOBE ONION

**Heavy and Solid—Enormous Yields—
Keeping Qualities Unsurpassed**

The most perfect strain of Yellow Globe Onions in existence. Early, sure cropper, largest yielder, long keeper. Mildest in flavor, attractive, handsome, bright, even color, ripens early and all at once; necks very small, and cure down to almost nothing. The firm, solid bulbs are excellent winter keepers and enormous yielders. This Onion is good for all classes of soil and on account of its quick maturing qualities we consider it to be the most valuable yellow onion for all markets.

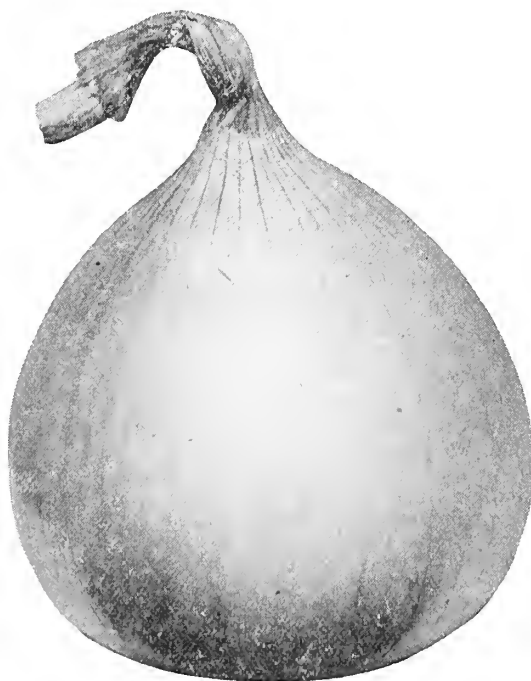
Our Supply of Seed is grown in the State of Ohio; owing to the hail storms just as seed was ripening, destroying most of the crop, we can supply in limited quantities only.

Pkt. 15 cts., oz. 60 cts. postpaid.

See page 37 for other onions.

Geo. Newcomer, Indiana.—"The onions from your seed were 60% better than any in this swamp. We got 750 bushels per acre. We want the same variety of onion seed next year. Kindly quote us price."

Isaac Mohler, Ohio.—"The vitality of your onion seed was better than any I had this year."



HOLCO OHIO YELLOW GLOBE ONION
From a Photograph

D. A. Yenny, Ohio.—"I never had better onions than what I purchased of you this last season."

HILL'S FORCING CUCUMBER

This splendid cucumber has attracted attention on account of the uniformity of its fruit, rich dark green color, earliness and its distinctiveness from any other known sort. It is distinguished by its vigorous growth. It will mature fruits with the early varieties of White Spine. Are uniformly $7\frac{1}{2}$ to 8 inches in length, color very rich dark green, and does not fade to a light green. The Hill's Forcing is one of the BEST MARKET AND SHIPPING CUCUMBER. As a pickling sort, the Hill's Forcing is one of the very best. It is most productive and the small pickling sizes show uniformity. You will make no mistake to give this variety a trial.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., 1 lb. \$1.00.



New Winter Celery—Holmes' Emperor

Largest, Most Solid and Finest Nutted Flavored Celery Grown.

Excels by far the Pascal, Columbia or any other Winter Variety. The tops are green, while the outer stalks blanch white and the inner stalks are tinged with yellow.

A true dwarf type and therefore much easier to blanch than the taller growing sorts. The plants average from 15 to 18 in. in height, while the branched part is 6 to 9 in. long.

Stalks are smooth, very thick, being moon-shaped, as near round as possible, found only in HOLMES' EMPEROR. Some measuring $\frac{9}{16}$ in. through when cut. Color is white, heart being tinged with yellow, flavor is unsurpassed, being decidedly nutty and crisp.

Although low-growing, each stalk averages fully 2 lbs. in weight.

Mr. Harry L. Holmes, father of our General Manager, was the introducer of the world's most distinct variety, finest flavored and best keeping celery known. Mr. Holmes has given his undivided attention to the care and selection of this famous Celery. Since the introduction of the HOLMES' EMPEROR Celery in 1912, it has been called Fordhook Emperor. HOLMES' EMPEROR has been tested by some of the largest growers of celery in America, as well as Europe, who pronounced it as the finest flavored and best keeping variety of outstanding merit.

Price, pkt. 15 cts., oz. \$2.25, $\frac{1}{4}$ lb. \$7.00, lb. \$25.00.

The Holmes' Emperor celery is the finest I ever had.—Mrs. J. W. Imhoff, Ohio.

Frank Buurma, Chicago, O.—“Your Emperor Celery is certainly fine. Please send me 2 oz. more.”

H. J. Joldersma, Chicago, O.—“Your Emperor Celery is good. Send me $\frac{1}{4}$ lb. more.”

GARLAND TOMATO

The Largest, Heaviest Cropper, Smoothest and Finest Flavored, Extra Early Red Tomato

This wonderful tomato originated in the state of Wisconsin, where it has been grown exclusively for several years; Mr. J. J. Garland induced us to plant it alongside of John Baer and Bonny Best, and after most rigid test, we have found that the Garland Tomato has outclassed either John Baer or Bonny Best.

We cannot give you a better description of this tomato than what our grower claims for it: “It is as early as John Baer or Bonny Best, it produces one-third more and does not crack, which is a very important matter, keeps its size well through the growing season, being a CONTINUOUS BEARER, and EXCELLENT SHIPPER. This season my last picking was of good size, after having picked from the vines for more than two months. In a test alongside of John Baer and Bonny Best, handled exactly the same, it yielded fully one-third more and the fruit was larger and freer from cracks. It is a good bearer, as good as any tomato that I know of, and I have tried most all kinds that are cultivated at the present time.”

In our own test alongside of John Baer and Bonny Best, we have found that it did just as the originator said it did. We are confident that this tomato is worthy of a trial in every garden and truck patch.

We are offering \$5.00 for the best photograph of this tomato, all photographs to be in our possession October 1st, 1918.

Price, pkt. 15 cts., $\frac{1}{4}$ oz. (about 2000 seeds) 25 cts., oz. 85 cts., $\frac{1}{4}$ lb. \$3.00.

Kehl Bros., Canton, O.—“We consider Holmes' Emperor Celery the most brittle and finest flavored celery grown. Our customers are wild for it.”



GARLAND TOMATO

Improved Golden Bantam Sweet Corn

FOR VERY EARLY

The Best, the Largest, the Sweetest of all Early Sweet Corns, Retaining its Delicate Tenderness Even When a Little Old

There is no Corn that has been introduced that has won so much popularity as Golden Bantam until the introduction of the IMPROVED GOLDEN BANTAM, which is the result of a cross between Golden Bantam and White Evergreen.

Realizing the importance of keeping the sweetness, earliness, size of grain and the hardness of the Golden Bantam and at the same time producing an ear the size of White Evergreen that would be more profitable to the market gardener as well as to the home gardener. We have been very fortunate in procuring a small lot of this corn from a market grower who has made sweet corn a study for years.

IMPROVED GOLDEN BANTAM produces a large stalk, as well as an average of two large ears measuring from 8 to 9 inches in length with ten or more rows of large grains. The corn is of strong growth and the large ears are well filled and the grains are exceptionally sweet. The grains are as sweet as the original Golden Bantam, yet remaining soft and tender for a longer period than any early sweet corn. Last year the demand exceeded the supply and we were obliged to refuse many orders.

Price, pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$35.00.

HOLMES' SWEETHEART CORN

Delicious Flavor; Ears 8 to 10 Inches; Twelve Rows

This new sweet corn is one of the most valuable sweet corns offered in many years. The ears measure 8 to 10 inches in length, symmetrical shape with twelve even rows of broad and very deep grains covering the small white cob from heel to tip. The cobs range in diameter from three-fourths to one inch. The grains do not shrink so much when rightly cured and dried as some of the other types, such as Country Gentleman and Evergreen. "HOLMES' SWEETHEART" is the outcome of a selection from both the Evergreen and Country Gentleman, and then crossed again with a variety which was obtained from a garden specialist, which he named "French Honey," retaining the sweetness of the latter and the depth and breadth of the grain from the former varieties. It is a main crop, coming in two weeks earlier than the Evergreen. The grains are a silvery gray, semi-transparent. The stalks average in size from 7 to 9 feet. This depends greatly on the soil where planted. It is a full cropper, thrifty, hardy and prolific. Frequently, there has been as many as four well formed ears on one stalk, two on each side. It can be planted in this locality about May 1 to 10, afterwards in regular succession of ten days.

Price, pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10 postpaid, 100 lbs. \$35.00.

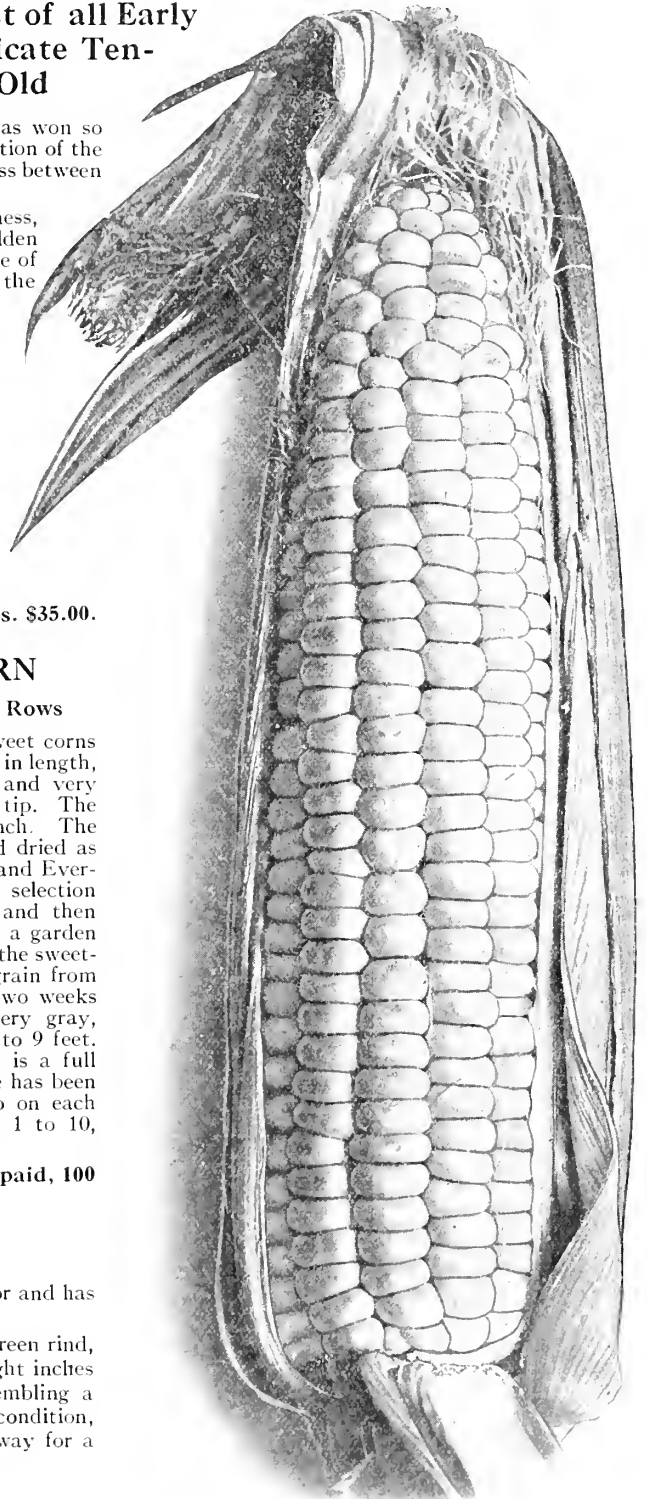
HONEY-DEW MELON

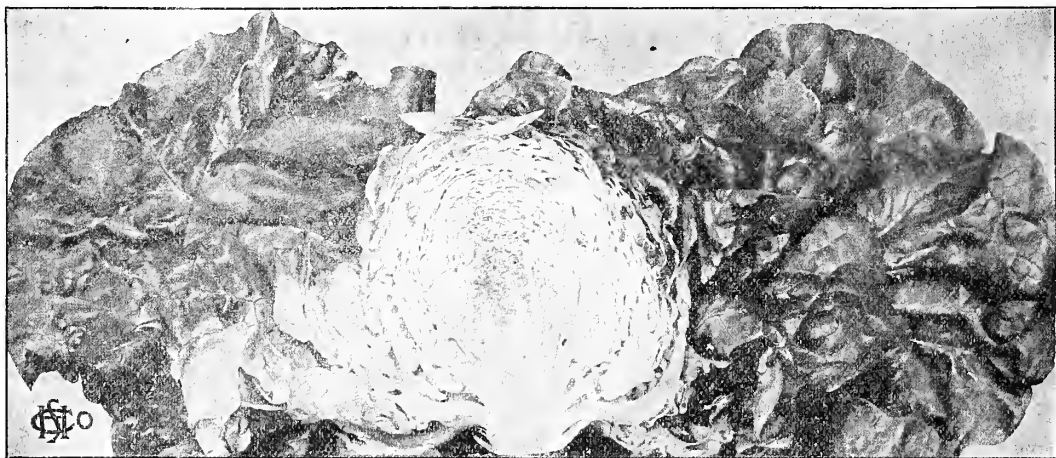
Is similar in type to the Casaba, has a delicious flavor and has met with public favor wherever used.

HONEY-DEW produces a Melon with smooth, light-green rind, measuring about six inches in diameter by seven to eight inches long. The light-green flesh is thick and sweet, resembling a well ripened banana. To have the melons in the best condition, pick them soon as they slip from the vine and lay away for a few days before serving.

They are at their best when a trifle over-ripe.

Price, pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.50, lb. \$4.50.





Big Boston Lettuce

Cut to Show Solidity of Head

This variety is very popular for outdoor culture, with big, compact, creamy, buttery heads, is in demand more than any other variety.

Plants are large, very hardy and vigorous. The leaves are broad, comparatively smooth, are wavy at the edge and crisp. In color they are bright green, head slightly tinged with reddish brown, the interior leaves blanching to a creamy white, tinged with light yellow.

It heads up under cold weather conditions better than any other variety. Always brings a good crop and is grown very extensively in the South for Shipping North.

We heartily recommend our stock of Big Boston and we believe that the Seed we offer is the best obtainable.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50. Postpaid.

Mr. Chas. White, Colorado.—“Your Big Boston Lettuce has come truer to type as well as being harder heading than any I have had for some time. Enclosed find order.”

J. K. Royer, O.—“Your Big Boston Lettuce was true to type and germinated good; certainly made money for me.”

J. T. Hammar, N. H.—“I am enclosing order for Lettuce. Have found your seed first-class in every way; they have given me the best of satisfaction.”

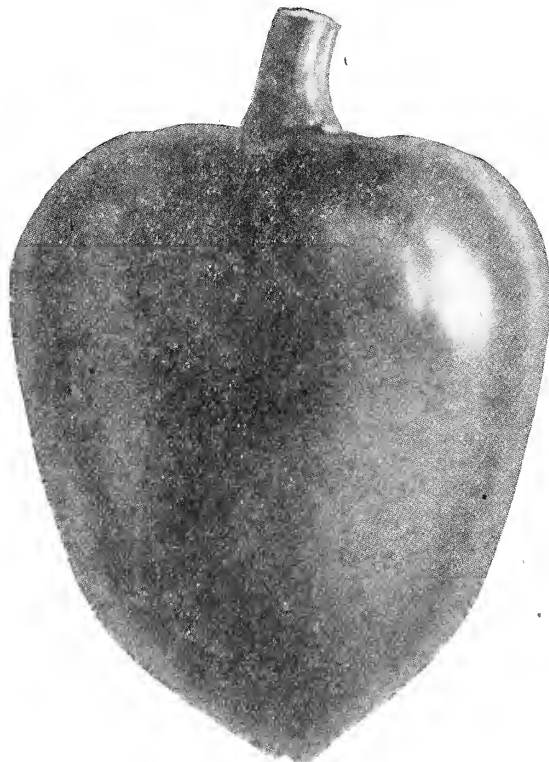
PIMENTO PEPPER

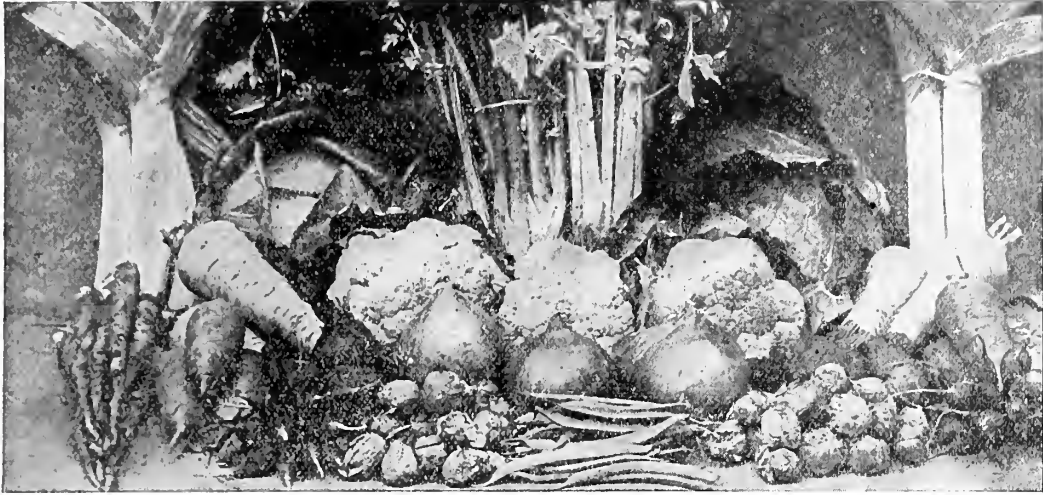
Thickest Fleshed of All Peppers—The Solid Meat is Always Sweet

The fruits are rich crimson-scarlet in color, while the form is very distinct, being of regular conical shape, as shown in the illustration. The peppers measure from 2 to 2 $\frac{1}{4}$ inches across at the stem end and average from 3 to 3 $\frac{1}{2}$ inches in length. The skin is perfectly smooth, without any ridges; therefore, if the peppers become soiled with dirt they can be washed easily and put in attractive marketable condition. The firm flesh measures $\frac{5}{16}$ of an inch in thickness. The peppers are never hot in any part of the fruit, even the flesh around the seeds being sweet. The fruits are just the right size for stuffing for individual use. The plants are 2 to 2 $\frac{1}{2}$ feet in height, branching freely, and produce a heavy crop. We feel sure that the New Pimento Pepper will quickly become very popular both with private planters and growers for market.

Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00 postpaid.

Prof. W. F. Massey stated.—“Pimento Peppers have certainly been wonderful, not only in quality but productive-ness. It is certainly the best of all sweet Peppers, truly sweet, with not a trace of fire in it. We eat them daily. They are just the size to stuff and pickle, smooth and better shaped. The Chinese Giant is entirely too huge and does not make a tenth part of the Peppers the Pimento does.”





“Every Home Its Vegetable Garden”

CULTURE LEAFLET—The Vegetable Garden—Free With Order When Asked For

ASPARAGUS One oz. of seed will produce 200 plants. 2 lbs. will produce enough roots to plant an acre

Can be grown from seeds or roots, the latter preferred. Seed should be sown thinly in early spring in rows 1 ft. apart. Thin out the weakest plants so the remainder will be 4 in. apart. When one year old transplant in the permanent bed, from where it can be cut 2 years later.

PALMETTO

Earliest and finest sort in cultivation.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

COLUMBIAN MAMMOTH

White. Large, white stalks.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

BARR'S MAMMOTH

Large, prolific, finest sort.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

ASPARAGUS ROOTS

Supplied after April 1st. About 4,000 plants to an acre.

2-YEAR OLD

Doz. 100 1000

Bonvallet's Giant\$0.25 \$1.50 \$10.00

Barr's Mammoth15 .75 5.50

Columbian Mammoth15 .75 6.00

Palmetto15 .75 5.50

If by mail add postage as follows: Doz. 8c, 100, 50c.

BRUSSELS SPROUTS

One Oz. Will Produce 5,000 Plants

Sow seeds under glass during April, transplant to a cold frame when large enough to handle. May be transferred to the garden in June and cultivated like cabbage.

DANISH MARKET

Plants strong growth about 3 ft. high. Stalks large, thick, close pointed, and sprouts set quite thickly on stalk. Sprouts develop very uniformly. We recommend this strain especially for market use. Good keeper.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50

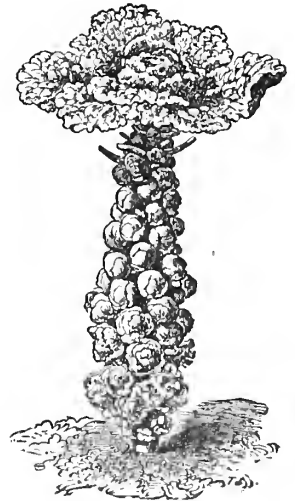


ASPARAGUS KNIVES

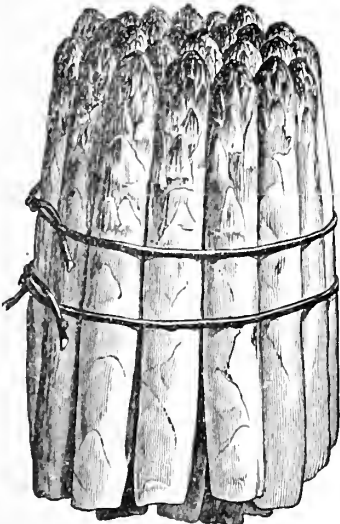
American V Shape.45 cts.

ASPARAGUS BUNCHER

\$2.00 each



BRUSSELS SPROUTS



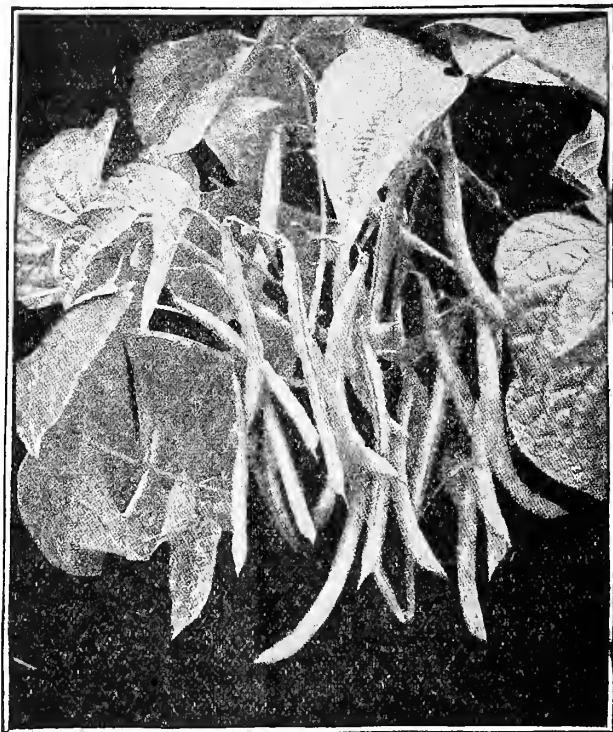
PALMETTO ASPARAGUS

Culture directions on Asparagus mailed free with orders when asked for.

BEANS DWARF OR BUSH GREEN-PODDED

Two Pounds Will Plant 100 Feet of Drill, 75 lbs. to an Acre

Beans are somewhat tender. Plant in warm, loamy soil at the beginning of settled, warm weather in spring, and at intervals for succession until August. Rows may be made 2 ft. apart, the Beans planted a few inches apart in the drills, or 3 or 4 Beans in hills 6 to 8 in. apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw up the soil toward the rows of plants. For String Beans gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.



BURPEE'S STRINGLESS GREEN-POD BEANS

GIANT STRINGLESS GREEN-POD

Early, healthy, vigorous habit. Producer of large, showy pods 5 to 6 in. long, nearly straight, round, meaty, stringless.

Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts., 100 lbs. \$25.00.

BLACK VALENTINE

Hardy, excellent bean for market gardeners, especially in earliness, in abundance of pods and uniform ripening. Pods 5½ in. long, semi-round, meaty, tender.

Pkt. 10 cts., lb. 35 cts., 2 lbs., 60 cts., 100 lbs. \$22.00.

FULL MEASURE

Handsome smooth pod, early, round pod, prolific good quality. Has no strings.

Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts., 100 lbs. \$24.00.

BOUNTIFUL

Hardy, flat, green-podded Bush Bean. Prolific and continuous bearer, the first in spring, the last in fall, ABSOLUTELY STRINGLESS, very tender, delicious flavor. Very hardy, extremely early, bears continuously for a long time. The pods are of large size, extra long, very uniform in shape, solid and meaty.

Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts., 100 lbs. \$25.00.

Not less than 10 pounds at the 100 pound rate. One hundred pound prices do not include transportation

BURPEE'S STRINGLESS GREEN-POD

Extra fine quality. Vigorous, upright in habit, EXTREMELY EARLY, handsome appearance, finest quality of pods. Stringless Green-pod is the quickest to produce, pods of a rich green, very round and straight, 5 to 6 in. long, solidly meaty. The pods are brittle, tender, always stringless even when fully matured.

Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts., 100 lbs. \$25.00.

IMPROVED RED VALENTINES

Early, hardy, vigorous, upright in growth, uniform in height. One of the finest beans grown for market gardeners as a large proportion of crop can be secured at one picking. We find this to be the earliest of any strain of Red Valentines we have ever tested. Pods 5 to 6 in. long, round, thick, meaty, tender, fine flavor.

Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts., 100 lbs. \$25.00.

KEENEY'S STRINGLESS GREEN-POD REFUGEE

Medium early, of true bush habit, height 18 in., are very prolific. The pods round in form, average about 5¼ in. long; of a light green color; they are brittle, tender, fleshy, ABSOLUTELY STRINGLESS at all stages of growth.

Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts., 100 lbs. \$25.

LONGFELLOW

This grand variety, produces a fine crop of round, straight, fleshy pods, six inches long, stringless when young, of excellent quality.

Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts. 100 lbs. \$25.

DWARF HORTI- CULTURAL

Vigorous. Pods 4½ to 5 in. long, flat, streaked and blotched with carmine. May be used as snap or shell beans.

Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts., 100 lbs. \$27.



KEENEY'S STRINGLESS
GREEN-POD REFUGEE
BEANS

BEANS—DWARF OR BUSH GREEN PODDED SORTS—Continued

The following four Dwarf or Bush sorts are extensively planted as field beans:

PEA or DWARF WHITE NAVY

This sort is a sure cropper and not only more prolific than the common white bean but is also of better quality. The plants are large and spreading, with small, thin leaves and occasional runners, ripening their crop comparatively early. The pods are light green, straight, short, about three and three-fourths inches, but usually containing six beans. The beans are small, oval, white, handsome and of superior quality for use as dry beans. Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts., 100 lbs. \$25.00.

RED KIDNEY

Of vigorous upright habit. Beans large size. Used both green and dry. Pods 5 to 6 in. long and flat.

Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts., 100 lbs. \$25.00.

WHITE KIDNEY

Of vigorous upright habit. Used as shell bean after being ripened.

Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts., 100 lbs. \$25.00.

LARGE WHITE MARROWFAT

Vigorous branching habit. Medium late beans of large size, good for shelling and using in the green state. Pods 4 to 4½ in. long, flat, nearly straight.

Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts., 100 lbs. \$25.00.

DWARF OR BUSH BEANS—WAX OR YELLOW PODS

IMPROVED RUST-PROOF GOLDEN WAX

This is a great improvement on the old strain Golden Wax, for as the latter is subject to blights, making it difficult to grow, the Improved Strain is hardy; so much less liable to blight or rust that it is one of the most desirable to grow of all Wax sorts. Pods 3½ to 4 in. long, straight, flat, meaty, light cream wax color, heavily filled, excellent quality.

Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$28.00.

PENCIL POD BLACK WAX

Season medium, vigorous, healthy foliage, pods golden waxy color, 6 to 6½ in. long, curved, meaty, round, brittle, tender, stringless, of excellent quality.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$32.00.

SURE-CROP STRINGLESS WAX

Is very productive, bearing large, flat, stringless golden yellow pods in abundance. Very hardy. Surecrop is more rust-proof and will stand a longer season of damp, wet weather than any other Wax Beans. The handsome appearance of the flat pods and good quality will soon make it one of the leading varieties of Wax Beans. Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$30.00.

STRINGLESS WHITE WAX

The Beans, pure white. The pods flat, remain tender and the plants bear for a long period. The pods are straight, of a lemon-yellow, brittle, meaty, entirely stringless at all stages of growth. Is what truckers have been seeking for years. Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.



ROUND-POD KIDNEY WAX BEANS

ROUND-POD KIDNEY WAX

Early, hardy, productive, prolific and seems to be of healthy constitution. Pods 6 in. long, curved, round, meaty, stringless, tender, brittle, of high class quality.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$32.00.

WARDWELL'S KIDNEY WAX

Early large size, handsome appearance and good quality. One of the most popular wax beans in use. Upright in growth with pods 5 to 6 in. long, broad, flat and of beautiful light waxy color.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$32.00.

BRITTLE WAX

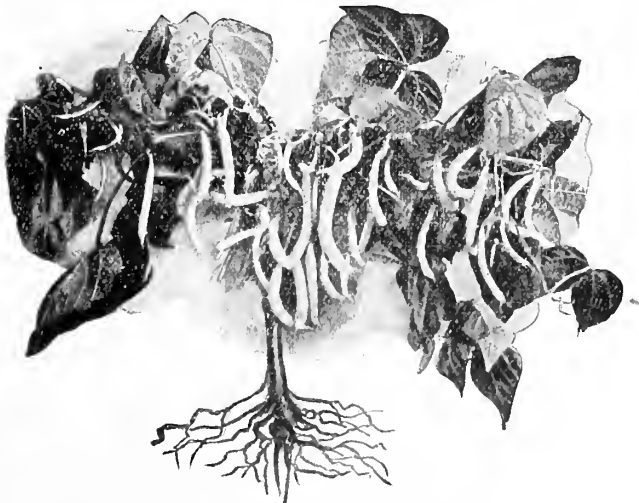
Pods round, tender, stringless, 6 in. long, curved. Pod and seed very similar to Round Pod Kidney Wax.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$32.00.

PROLIFIC BLACK WAX

Strong, healthy foliage. Pods 4½ to 5 in. long, thick, curved, round, very meaty and tender. Creamy white in color and of excellent quality. Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$30.00.

Not less than 10 pounds at the 100 pound rate. One hundred pound prices do not include transportation



IMPROVED RUST-PROOF GOLDEN WAX

BEANS DWARF OR BUSH—WAX OR YELLOW PODS

HARDY WAX

Early stringless. Excellent for the market gardener where a round pod is the more salable. This is one of the most popular both for home use and as a market Bean, of all the round-podded wax varieties. Vines are very large, strong and vigorous, bearing long, straight, wax-like pods of large size and excellent quality. Dry beans are large, kidney-shaped, mottled brown.

Pkt. 20 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$30.00.

DAVIS KIDNEY WAX

An excellent bean for market and private gardeners. Pods white waxy color 5 to 5½ in. long, flat wide and straight.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.

HODSON WAX

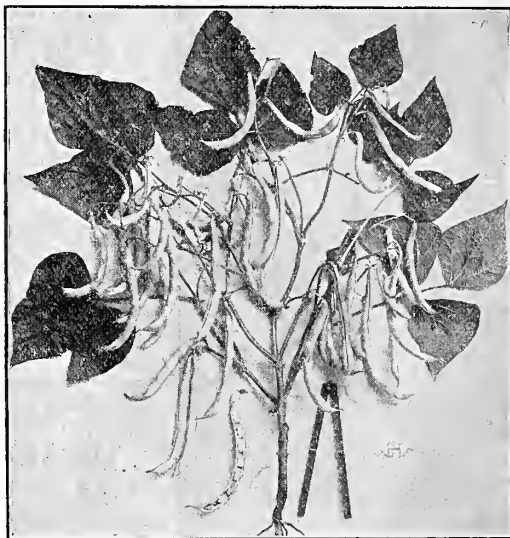
A variety about ten days later than others, good quality and free from dust. Strong, vigorous growth with healthy foliage. Pod 6 in. long of golden waxy color, nearly straight, thick, flat and meaty.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.

STRINGLESS REFUGEE WAX

Medium early. The pod is a white wax color, curved, round, and stringless. Healthy foliage and not so liable to blight as some other sorts.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$32.00.



HARDY WAX BEAN

Beans—Pole or Running

Two pounds will plant 150 to 200 hills;
20 to 32 pounds to the acre

The following varieties are of strong, running growth, and need stout poles or other support on which to climb. When grown on poles, they are more easily gathered.

KENTUCKY WONDER OR OLD HOMESTEAD

The long pods are so fleshy that they are greater in thickness than breadth. Solidly meaty, stringless when young, finest quality. If pods are gathered as they mature, the vines will continue to bear to the end of the season.

Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts., 100 lbs. \$25.00.

LAZY WIFE

Late variety, excellent for snap-shorts or shelled. Pods about 6 in. long, thick and meaty, fine flavor.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$32.00.

WHITE SICKLE

Early port sort desirable for snaps, unsurpassed in its class as green shell beans. Vines are vigorous, very productive. Pods are round, long, stringless.

Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts., 100 lbs. \$26.00.

HORTICULTURAL POLE OR WREN'S EGG

An old and well known variety, hardy, very productive, good flavor of the beans when shelled. The pods streaked with carmine, flat, long.

Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts., 100 lbs. \$22.00.

OLD-FASHIONED STRIPED SICKLE POLE BEAN

One of the best quality; well known to all farmers and gardeners. The seed is gray, with black stripes; the pods long, meaty and stringless. Very heavy yielder.

Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$30.00.

SCARLET RUNNER. Pkt. 10 cts., lb. 35 cts.

BURGER'S GREEN-POD STRINGLESS OR WHITE SEEDED

KENTUCKY WONDER

Earlier than other sorts. The pods, long, borne in clusters, straight, of a rich dark green, stringless, tender, sweet, mild flavor. The dry beans are pure white.

Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts., 100 lbs. \$25.00.

KENTUCKY WONDER WAX POLE BEAN

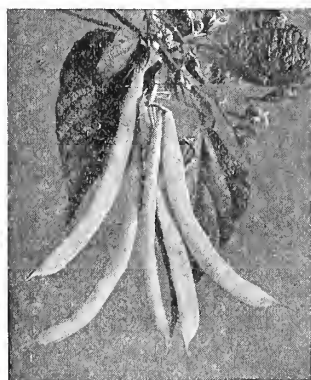
Yellow-podded Kentucky Wonder, bears a large quantity of rich golden yellow pods. Plant makes a quick, healthy growth; productive, bearing large pods; thick, meaty, stringless, very tender, fine flavor when cooked. Decidedly extra early. Pods grow uniform in size.

Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$30.00.

GOLDEN CLUSTER WAX

Bears long, golden yellow pods in clusters and continues for a long time. Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$32.00.

Not less than 10 pounds at the 100 pound rate. One hundred pound prices do not include transportation



KENTUCKY WONDER WAX



STRIPED SICKLE POLE BEAN

LIMA BEANS

Two pounds of Lima Beans will plant about 100 hills, allowing 4 to 5 Beans to a hill; 40 pounds will plant an acre in hills 4 by 4 ft.

All Lima Beans are very susceptible to rotting in cold, wet ground, and should not be planted until warm weather fairly sets in. Poles 8 to 10 ft. long should be firmly set in the hill before planting the seed. Poles should be set 4 ft. apart each way.

DWARF OR BUSH LIMA BEANS

FORDHOOK BUSH LIMA

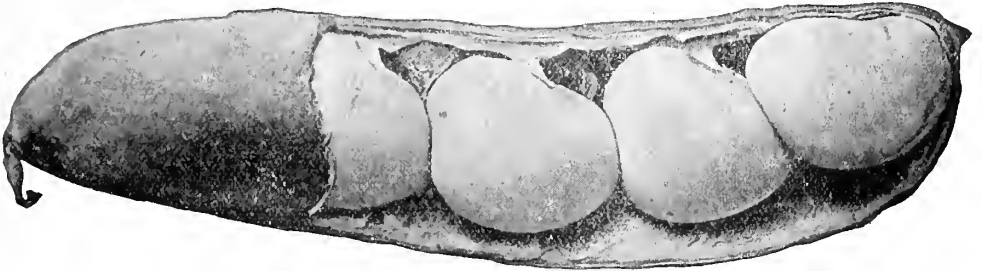
The only stiffly erect bush form of the popular "Potato" Lima. Both pods and beans are twice the size of Dreer's Bush Lima. Nothing like it has ever been seen before. Of strong, erect, true bush-like growth, the bushes average 20 to 30 in. in height by 20 to 24 in. across the top. The foliage is of heavy texture and very dark green in color. The stalks that produce the blossoms are thrown out from the lateral and main stalks; the pods are borne in clusters of from 4 to 8, measuring from 4 to 5½ in. long, about 1½ in. wide, by as much as ¾ of an in. thick. The pods contain 3 to 5 large beans with an average of 4.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.

BURPEE'S BUSH LIMA

The pods and seeds are full lima size. The plant grows 18 to 20 in. high, and has an erect branching stem. Has a luscious flavor.

Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$28.00.



FORDHOOK BUSH LIMA

BEANS, POLE OR CLIMBING LIMA

HOLMES' GREEN PROLIFIC POLE LIMA

The very earliest productive Pole Lima we have ever seen. Each Bean has that true, deep green color, which insures the green when the Beans are shelled for market. The large pods hang in clusters of from 5 to 8, which make them easy to gather. Have 5 to 6 beans in a pod.

Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$25.00.

EARLY LEVIATHAN

An early variety of large size. The pods differ from those of other early pole limas in being straighter and longer. The pods hang out from the foliage in large clusters; we have frequently seen five to ten in a cluster, each containing from four to six large beans to the pod. An excellent home or market sort, giving satisfaction everywhere.

Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts., 100 lbs. \$25.00.

CARPINTERIA POLE LIMA

Vines produce large, medium green pods, 5 to 6 in. long, with beans of the largest size, much thicker than the average Pole Lima. Splendid for the home and market-garden.

Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts., 100 lbs. \$25.00.

KING OF THE GARDEN LIMA

Pods medium, 5 to 6 in. long, broad, flat, filled with 4 or 5 immense white beans of finest quality.

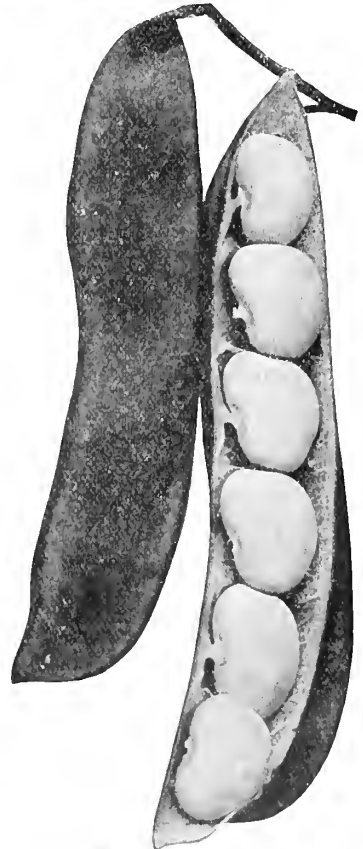
Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts., 100 lbs. \$24.00.

CHALLENGER, DREER'S OR "POTATO" LIMA

The pods are produced quite thick through, containing 3 to 5 thick beans.

Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts., 100 lbs. \$24.00.

Not less than 10 pounds at the 100 pound rate. One hundred pound prices do not include transportation.

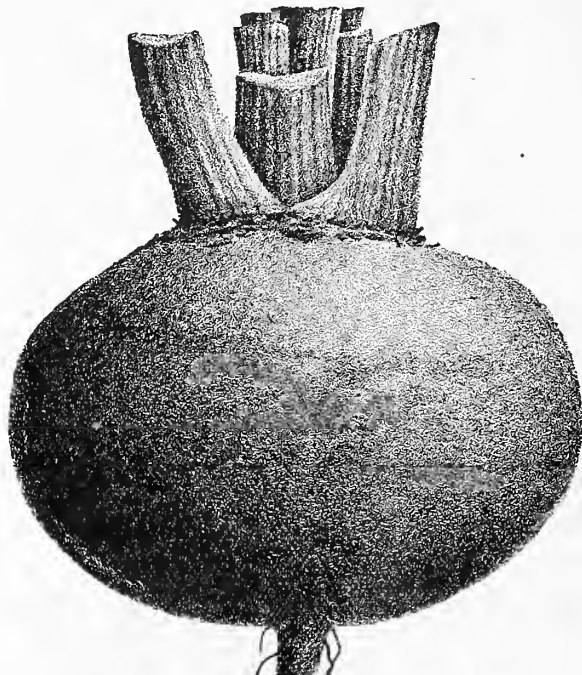


HOLMES' GREEN PROLIFIC POLE LIMA BEAN

BEETS

One ounce will sow 50 feet of drill;
5 to 6 lbs., for an acre

Fibrous loam, well drained and well enriched, will raise good Beet crops. For early table Beets, have drills 16 to 20 in. apart, and sow the seed about 1 in. deep, as early as the ground can be put in good shape. Or seed may be sown under glass four weeks sooner, and the young seedlings transplanted to the open ground to give an extra-early crop. Give thorough and clean cultivation, and thin the plants to stand 3 to 4 in. apart in the rows. For succession sow at intervals until middle of July. For the earliest sowings a light dressing of nitrate of soda, say 100 lbs. to the acre, will sometimes work wonders.



CROSBY'S EGYPTIAN BEET

EXTRA-EARLY EGYPTIAN

Best variety for forcing and excellent for first-early crop outdoors, being very early, with small tops. Roots very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom, and about 2 in. in diameter when mature. Flesh dark purplish red, zoned lighter shade; firm, crisp, tender.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

ECLIPSE

Perfectly smooth; round; skin and flesh red; extremely early. Does not grow to large size, but is desirable for its earliness and sweet, tender quality.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$1.75.

EDMAND'S EARLY

Root nearly round or slightly flattened; exterior color dark red, interior color purplish red with little zoning; crisp, tender, sweet and an excellent keeper.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$1.75.

IMPROVED EARLY BLOOD TURNIP

Selected stock. Root nearly round or slightly flattened; flesh deep red, zoned with lighter shade, sweet, crisp, tender. For summer and autumn use.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

HALF-LONG BLOOD

The roots are smooth, flesh bright red, quality excellent. For winter use the seed should be sown early in July.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$1.75.

LONG SMOOTH BLOOD-RED

Roots long, penetrating the soil deeply.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$1.75.

CROSBY'S EGYPTIAN

One of the best for the first open ground crop. Tops small; roots are flattened globe shape, and very smooth. Exterior color of root bright red. The flesh is dark red, zoned with a lighter shade, very sweet, tender and of excellent quality. Ready for use earlier than any other variety. Our stock is exceptionally uniform in shape and color.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

CRIMSON GLOBE

A handsome variety of medium size, almost globe shape and entirely free from rootlets; a grand second early or main crop sort. The foliage is small and of a rich bronze purple, borne on slender stems which occupy but a small portion of the root. The flesh is a rich blood red, slightly zoned or ringed in a most beautiful manner, making it very attractive in appearance; always sweet and tender. In the home garden it is a most excellent sort.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

MODEL RED GLOBE

This splendid variety is of English origin and is perfect for table use. It is medium early, coming in between Extra Early Egyptian and Crimson Globe. The roots are of good size, slightly oval, with small, dark crimson leaves and a slim tap root. In quality and color it is peerless; very fine grained, tender and sweet, never woody or stringy. Color of both skin and flesh deep rich crimson.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

DETROIT DARK RED

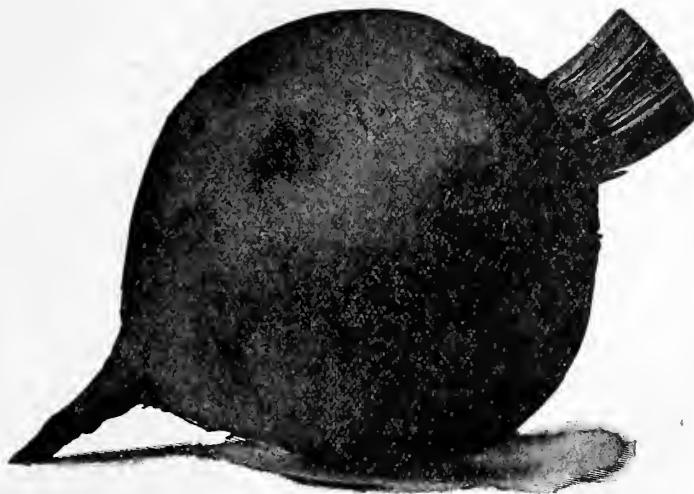
One of the best Beets for the market and home garden. Has a deep, rich color. Tops small, upright in growth; leaves dark green, shaded with red; root medium-sized, nearly round, very smooth, of dark blood-red, zoned with a lighter shade of the same color.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.



DETROIT DARK RED BEET

Holmes' "Green-Top" Blood Turnip Beet



HOLMES' "GREEN-TOP" BEET

In Quality It Stands Alone

Whoever saw an absolutely light-green-top beet with pure BLOOD-RED ROOT? It is one of the most tender of beets, of delicious flavor and is absolutely unsurpassed for quality by any beet that we know of. This grand, new beet—HOLMES' GREEN-TOP BLOOD TURNIP—is almost globe-shaped, tapering somewhat toward the root. The flesh is a handsome dark red, sweet and tender at all stages of growth regardless of size. The hard, stringy, wooden-like fiber so common with all other varieties, is entirely absent in HOLMES' GREEN-TOP BLOOD BEET, and will keep tender all winter. Market gardeners who plant it will find it outsells all others. By buying this year, you can control your market and make big profits. The keeping quality of HOLMES' GREEN-TOP BLOOD BEET has no equal. We would advise our customers who want this fine beet to order early as our stock of seed is limited.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

SWISS CHARD OR SPINACH BEET

Giant Lucullus

Leaves of Swiss Chard are used as greens, cooked in the same manner as spinach, the large ribs are prepared like asparagus, in which manner they are delicious. Giant Lucullus is the largest and best variety of Swiss Chard.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

SUGAR BEETS AND MANGEL-WURZEL, for Stock Feeding

1 oz. to 100 feet of drill; 5 lb. will sow an acre

GIANT HALF-SUGAR

Superior to mangels for stock-feeding purposes, more nutritious, having a large amount of sugar. Oval in shape, grows partly out of ground. Large size, yields enormous crops. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

LANE'S IMPERIAL

Will yield almost as much in bulk as the best Mangels, contains a large percentage of sugar. Roots are smooth, broad at the shoulder and gradually taper to the base. Crisp, snow-white flesh.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

VILMORIN'S IMPROVED

Size medium, yielding from 10 to 16 tons to the acre.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

KLEIN WANZLEBEN SUGAR

Best beet for sugar making, and largely planted for that purpose. Eighteen tons of sugar have been made from 100 tons of these beets. Highly recommended as a winter food for milch cows.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

DANISH SLUDSTRUP

The Danish Government encourages the growing of root crops by offering certificates of merit to growers who select and produce sorts which are of distinctive value. Studstrup is considered the best of all Mangels, having been awarded first-class certificate. In color it is reddish-yellow and of a distinct type. It contains the largest per cent of nutriment found in any sort. It is very hardy, grows well above ground and is easily pulled.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

GOLDEN TANKARD

Smooth yellow-fleshed Mangel; roots are of large diameter, tapering quickly at the bottom, which is quite broad, with only a small tap-root. Grows largely above the soil, easily harvested. Yields an enormous bulk on good land; can be grown closely in rows. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

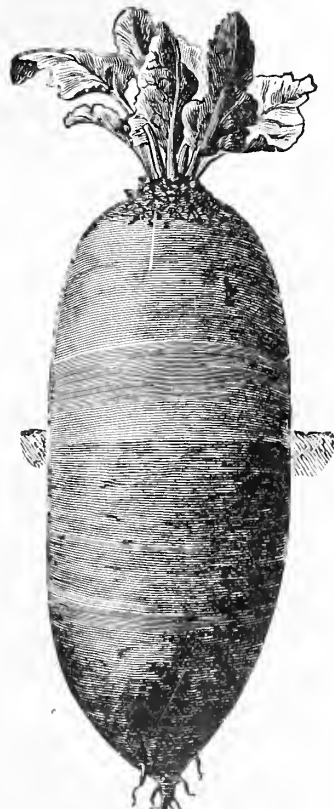
MAMMOTH PRIZE LONG RED

Heaviest cropping and largest of all Mangels. Dark, richly colored foliage; skin bright dark red; flesh white, with veined rings of rose-pink.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

GIANT YELLOW INTERMEDIATE

A yellow-skinned variety with white flesh, zoned with yellow. Large and ovoid shape. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.



GOLDEN TANKARD
MANGEL-WURZEL

CABBAGE

One ounce will produce about 3,000 plants; a quarter-pound will produce enough for an acre

No grower can make a mistake in purchasing this important crop from us. Our strains are the very best to be had, selected from specimen heads in well-rogued fields. Sow seeds in Jan. or Feb. in hotbeds, and transplant latter part of April or early in May to open ground, or an early sowing in open ground can be made as soon as weather will permit. Set the plants in rows 2 ft. apart, and 12 to 18 in. apart in the row. For second-early sow in April and transplant in May, or sow in May and transplant in July, setting plants in rows 3 ft. apart and 2 ft. in rows. Never plant Cabbage in the same location 2 years in succession.

(Cabbage Seed Crop Short)

COPENHAGEN MARKET CABBAGE

Proved to be the Best Early Cabbage from Denmark. Remember, as Early as the Jersey Wakefield



COPENHAGEN MARKET CABBAGE (Seed Grown in Denmark)

A very great satisfaction, indeed, to be able to offer this valuable new, early Cabbage, producing round, hard heads very early in the season. As early as the Jersey Wakefield. The most popular early Cabbage in the markets of Copenhagen. Market-gardeners who tried it for the first time last season are simply crazy about it on account of its extreme earliness and solid, 8-pound heads, with a small core and always of excellent quality. The plants are short-stemmed, producing heads, almost on the ground. The light green leaves are medium in size, saucer-shaped, and are always tightly folded; the plants may therefore be set closer than most other early varieties. A vigorous grower and yielder, as are all Cabbages from Denmark, and an excellent keeper. Our stock of Copenhagen Market comes to us direct from the originator, is guaranteed to be absolutely true to name.

Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.40, lb. \$5.00.

EXTRA-EARLY JERSEY WAKEFIELD

Plants are dwarf, compact and produce heads very early. Erect and conical in form, very uniform and even in size as well as time of heading. Our seed of all "Two Wakefields" is the choicest Long Island grown; this special strain is most highly recommended.

Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

LARGE WAKEFIELD OR CHARLESTON

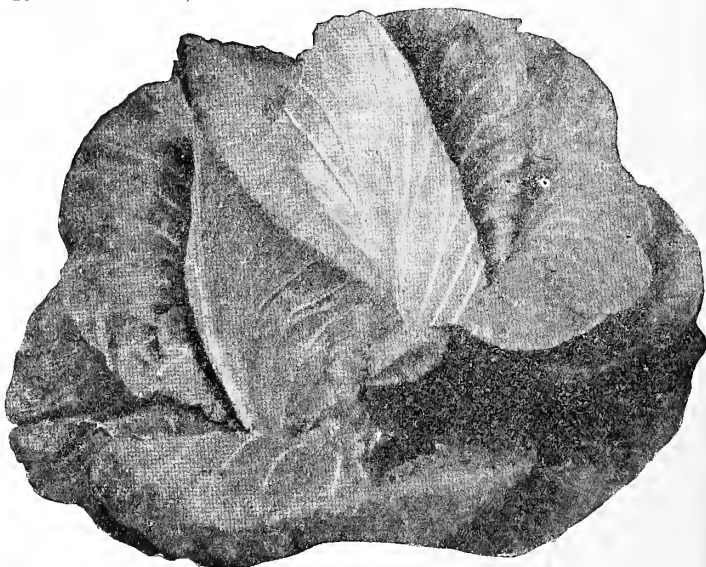
Heads are of similar form, although not so pointed, of equal solidity as the original Jersey Wakefield; grow half again as large, reaching full size ten days later.

Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

EARLY WINNIGSTADT

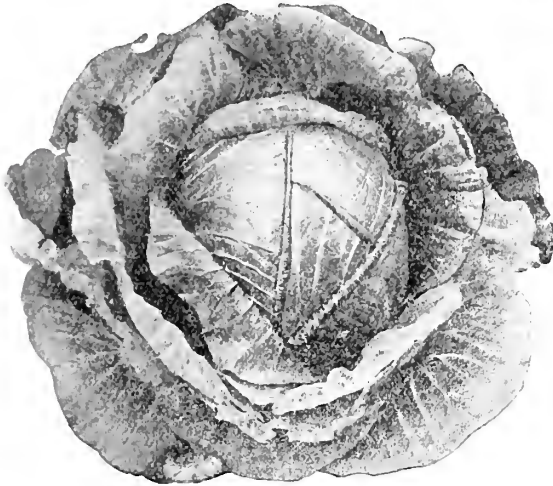
Heads are same size as Jersey Wakefield but more sharply pointed in form and not so early. Leaves rich dark green, slightly glossy, tightly folded; heads being the hardest of any early cabbage. By reason of its great solidity it is a popular variety to plant for winter use or cutting for Kraut.

Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.



EXTRA-EARLY JERSEY WAKEFIELD CABBAGE

When ordering, ask for our Leaflet on Cabbage and Cauliflower culture



EARLY SPRING CABBAGE

ALL HEAD EARLY

An excellent second early sort. Heads large, solid and flat, very deep for so early a cabbage and of a very good quality, stem is short. It is described not only for spring planting but by planting late it can be used as a fall and early winter cabbage. Well adapted for kraut. The seed we offer is of first quality.

Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

EARLY DWARF FLAT DUTCH

Good flat-headed variety, with short stem and hard, firm head. Forms heads early; is valuable for summer.

Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$3.50.

EARLY SUMMER

Desirable, medium sized, early, flat-headed variety. Good keeper, does well in summer and autumn. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$3.50.

SUCCESSION

A sure heading sort, second early, adapted for autumn as well as late summer use. Heads are large, deep, very firm and of excellent quality.

Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$3.50.



AMERICAN DRUMHEAD SAVOY CABBAGE

CABBAGE—*Second Early Sorts*

EARLY SPRING

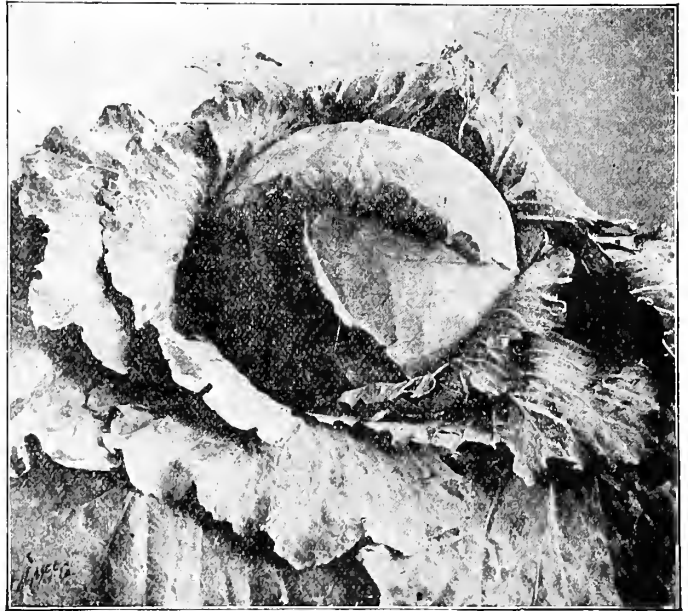
The earliest flat-headed variety. The plants are vigorous, very compact, with few outer leaves and a short stem. Early spring will produce a crop almost as quickly as Jersey Wakefield but being of large size will prove very valuable to the market gardener.

Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

GLORY OF ENKHOUSEN

This excellent second early cabbage is becoming very popular. The heads are round or ball like in form, very solid with but few outer leaves and of such compact growth as to permit close planting thus increasing the yield of a given area. The heads are of medium size, weighing from six to eight pounds trimmed tender and of fine flavor. They keep well when put away. Plants set out in midsummer will produce heads before cold weather. The seed we offer was grown by the originator in Holland.

Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.



GLORY OF ENKHOUSEN

FOTTLER'S BRUNSWICK

One of the most popular of the second early flat-headed types, especially with the home gardener.

Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$3.50.

CABBAGE

Late and Winter Sorts

AMERICAN DRUMHEAD SAVOY

The plants are vigorous, of medium size, with rather short stem and are very sure heading. The outer leaves are medium large, thick, fleshy and densely and uniformly crumpled; the heads are large, nearly round, fairly solid, sweet and tender.

Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

AUTUMN KING or WORLDBEATER

Beautiful winter variety of vigorous growth, extra large. Solid heads of bluish green.

Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$3.50.

DANISH BALLHEAD OR HOLLANDER

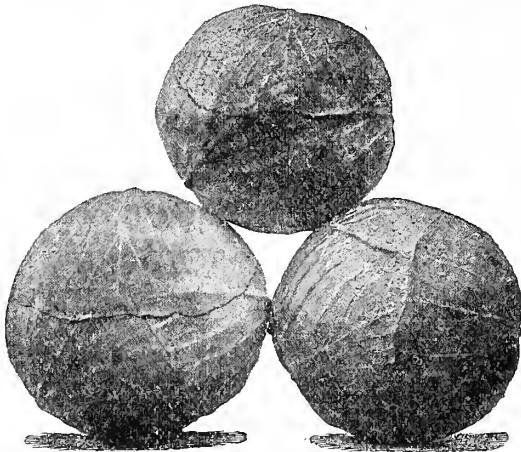
Has few equals for winter use. Very hardy, sure heading, very solid, of excellent quality and one of the very best keepers. Heads are medium size, round, is most excellent shipper. Quality is second to none. Seed we offer is grown for us by the best growers in Denmark and will produce more uniformly heads than can be grown from stock obtained elsewhere.

Pkt. 5 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

DANISH ROUNDHEAD

Short-stemmed, having less outer foliage, this sort is better able to resist blight, being, in most sections, as vigorous in growth as the best American types. Heads average larger and mature nearly two weeks earlier. Are unusually solid, and beautifully white when trimmed. Splendid keepers when stored away for the later winter and spring. Seed imported direct from Denmark.

Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.



DANISH BALLHEAD OR HOLLANDER
(Seed Grown in Denmark)

SUREHEAD

We recommend this reliable sort for northern markets being late, hardy and sure heading. Head large, somewhat flattened, compact, very solid and of excellent quality.

Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

PREMIUM LATE FLAT DUTCH

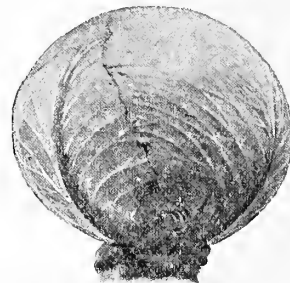
A very popular sort. The plants are hardy, stem rather short. The heads are very large, flat but deep and of excellent quality, good keeper.

Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

NOTE

Slug Shot kills cabbage worms absolutely. Can be used without danger.

5 lbs. 50 cts., 10 lbs. 70 cts., 25 to 50 lbs. 6 cts. per lb.



DANISH ROUNDHEAD CABBAGE

MAMMOTH ROCK RED

While late in maturing, this is the largest-heading of all deep red varieties. In good soil the heads will average 10 pounds. Pkt. 5 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

CABBAGE PLANTS

Ready in season according to varieties. Write for prices.

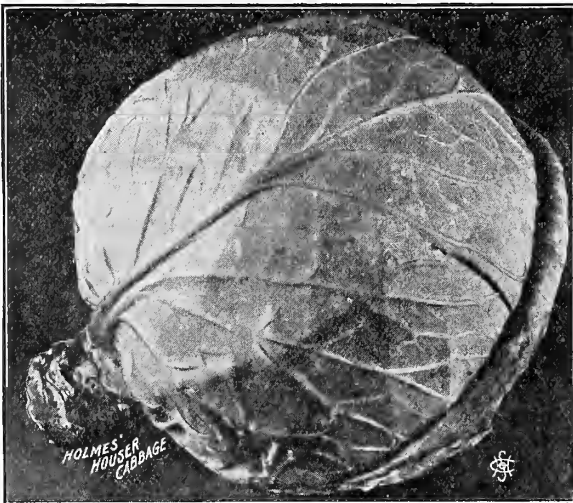
HOLMES-HOUSER—LATEST CABBAGE OF THEM ALL

An excellent late Cabbage. Two weeks later than any strain of the Late Flat Dutch type. In solidity it is hard as

the Danish Ballhead. Compact in habit of growth, the leaves overlapping the head. The shape and appearance are shown in the illustration. In size the HOLMES-HOUSER Cabbage will average about 12 pounds at maturity, and the heads are uniformly handsome. The shape is round and deep, as indicated; and when a head cracks or bursts it is always at the stem end, which does not destroy its use for market. In quality the HOLMES-HOUSER Cabbage equals the best, being very free from the coarse ribs found in most late sorts. It is a strong, vigorous grower, with ability to withstand drought better than most varieties. It sells well in the market, and adapts itself to various conditions of soil and climate. It is because the HOLMES-HOUSER is so extremely late and is such an excellent keeper that it has attained such wide popularity. Owing to the scarcity of seed we cannot offer this variety in larger quantity.

A WARNING. It is absolutely necessary to plant out the HOLMES-HOUSER Cabbage two weeks earlier than any other late sort, as it requires this much longer to mature than the Flat Dutch types or any other late variety.

Price of HOLMES-HOUSER CABBAGE, ORIGINATOR'S STOCK, Pkt. 15 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.00.



HOLMES-HOUSER CABBAGE
Largest, Hardest Heading Cabbage Grown

CARROTS

One ounce will sow 100 feet of drill three to four pounds to the acre

Sow the seed thinly in shallow drills early in the spring, when the trees are starting out in leaf. Make three or more sowings of the early varieties a month apart, to afford a succession of tender roots, as when fully grown the roots are apt to become hard and woody, while the small varieties may split open from overgrowth.

When plants are well started, thin out the small early sorts to three inches apart in the row, and large late varieties from five to six inches. They should be sown in deep, rich soil, deeply worked, and receive constant cultivation during growth to insure smooth, straight roots.

CHANTENAY

The popular sort for bunching. This splendid Carrot belongs to the half-long, stump- or blunt-rooted type, but differs from all others of this class by its greater girth, bulk and consequent yield. It averages 6 to 7 in. in length, is broad at the neck, narrowing gradually to the round, blunt base, therefore is easily harvested. The most prolific of all Carrots. The flesh, entirely free from core is of rich orange-red and of the finest table quality, fine-grained, tender, juicy and delicately flavored.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

DANVERS

A half-long orange carrot, grown largely on account of its great productiveness and adaptability to all classes of soil. It is a desirable second early carrot for the home garden and is also suitable for field culture. The tops are of medium size. The mature roots are of medium length, six to eight inches long, tapering uniformly to a blunt point. The flesh is deep orange, tender and of good quality. Although the roots of this variety at maturity are comparatively short they often produce as large a bulk as the longer field sorts and are more easily harvested.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

OXHEART, OR GUERANDE

This fine sort is of the most advanced type of the shortened, thick form. Roots attain a diameter of four inches at the top, five to six inches in length, and frequently nearly two inches in diameter at the abrupt stump-root. The roots are free from hard core, and of the finest quality for table use; both skin and flesh are highly colored.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

HALF-LONG NANTES

A handsome half-long variety, almost perfectly cylindrical, blunt-ended, and with a very small tap-root. They average six inches in length, by one and one-half inches in diameter. The skin is very smooth and clean and of a rich orange color. The flesh is of fine texture, lacking any stringiness, while the core is very small and quite devoid of woody fiber.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

EARLY SCARLET HORN (*Dutch Horn*)

May be planted very early in spring, and is an excellent summer variety. Tops small and roots grow about three inches long; reddish orange and good flavor. May be grown either in frames or in the open ground. Like the "French Forcing" Carrot, this variety is at its best quality while young and tender.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

IMPROVED LONG ORANGE

The roots of the improved strain of this variety we offer are very deep orange, long and comparatively thick, often twelve inches in length and three inches in diameter at the crown, tapering regularly to a point. The tops are rather large. This intermediate to late maturing sort is suitable for table use as well as stock feeding, combining great productiveness with uniform shape where grown in light, deep, rich soil. When of size suitable for the table, the roots are tender and of good quality. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$1.75.

LARGE WHITE BELGIAN (*For Stock*)

Grows a third or more of its length above the ground. Roots will average two inches in diameter at the shoulder and a foot or more in length. The diameter is even throughout the entire length, the roots tapering gradually at the base. They are easily pulled in harvesting, and do not have to be dug out, like most long-rooted sorts. Flesh and skin pure white, though the latter is occasionally tinged with green in upper portion growing above the soil.

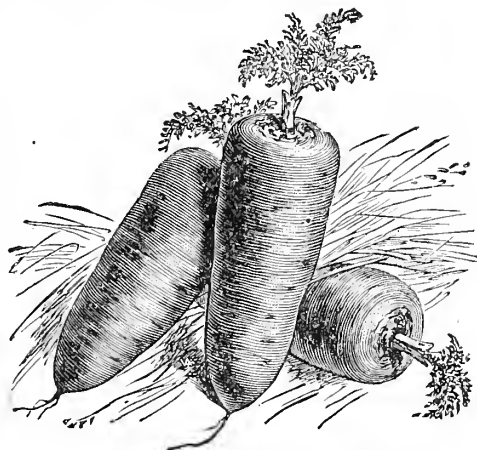
Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.



DANVERS CARROT



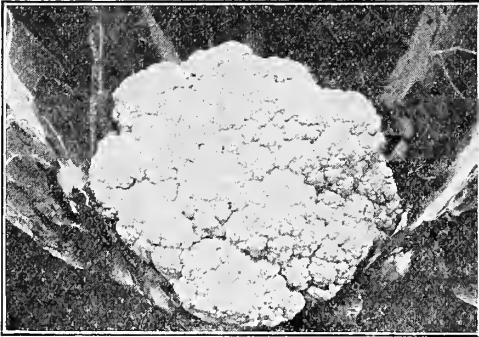
CHANTENAY
CARROT



HALF-LONG NANTES CARROT

CAULIFLOWER

A splendid money crop where soil is rich, climate cool and damp. A gross feeder, and well repays heavy manuring and high culture. It succeeds best on well-drained soil. Start plants in frame or seed-bed, and transplant. Seed for early Cauliflower may be started in autumn in a coolframe, or in early spring in a hotbed. For main crop, summer and autumn, the seed should be sown in May or June. Sow shallow. Set the plants 2 to 3 ft. apart each way.



"HOLCO" EARLIEST CAULIFLOWER

One ounce of seed will produce about 3,000 plants
¼ lb. enough seed for an acre

"HOLCO" EARLIEST

The earliest and best, quick-growing Cauliflower for family or market-garden, for forcing or cold-frames. It heads where others fail. "Holco" Earliest is superior to all others. The earliest of all Cauliflowers. Its close-growing, compact habit enables one-third more to be planted on the same space of ground than can be done with other varieties. For forcing under glass during winter and spring, "Holco" Earliest is peculiarly well adapted, from its dwarf growth and short outer leaves. Carefully grown for our trade in Denmark, where the finest Cauliflower is produced.

Pkt. 20 cts., oz. \$2.50, ¼ lb. \$8.50.

DANISH GIANT OR DRY WEATHER

Variety is about ten days later than our Snowball. Dwarf growth, producing very large, stone-hard and snow-white heads, fully protected by the foliage, especially fitted for dry and hot weather and for sections subjected to long dry seasons, a sure header when all other sorts fail. Cannot be forced, but is, in culture on open ground, the Cauliflower that gives the highest yield.

Pkt. 20 cts., oz. \$2.50, ¼ lb. \$8.50.

EARLY SNOWBALL

Very popular variety with few narrow gray-green, upright leaves, heads very white. Similar to the "Holco" Earliest, but not quite so early.

Pkt. 15 cts., oz. \$2.25, ¼ lb. \$8.00.

EARLY DWARF ERFURT

One of the very best varieties for field cultivation, especially for late crops. Under ordinary conditions produces large, deep and very solid white "flowers."

Pkt. 10 cts., oz. \$2.00, ¼ lb. \$7.50.

CAULIFLOWER PLANTS

Ready in season; transplanted stock. Write for prices.



DANISH GIANT OR DRY WEATHER

CHICORY—WITLOOF—Chicory, or French Endive

Chicory, Witloof. Known in the United States as French Endive; in Europe as Brussels Chicory. One of the finest winter salads. It is easy of cultivation and should be grown by every gardener, amateur and professional alike. Sown in May and June in drills. Transplant or thin to 6 in.; treat as endive, except that late in summer or fall it should be gradually banked up like celery. Stalks, when blanched, make a delicious salad. Also used by the French as a boiled vegetable.

Pkt. 5 cts., oz. 30 cts., ¼ lb. 85 cts., lb. \$3.00.

CHICORY LARGE-ROOTED, OR COFFEE

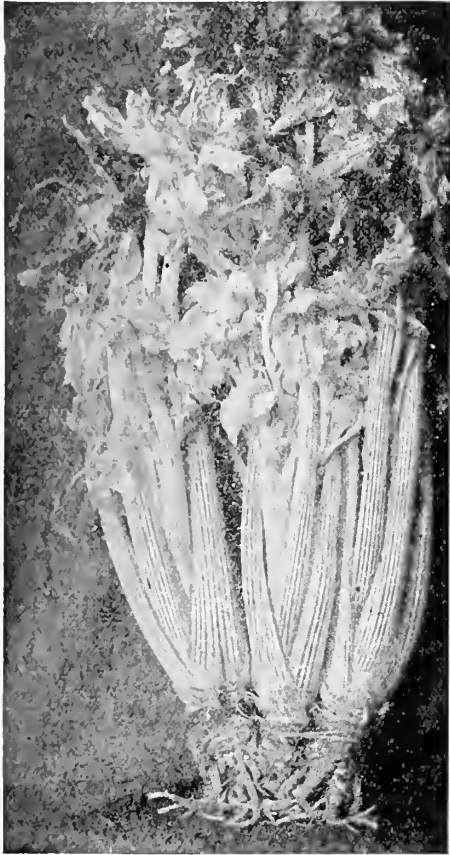
Roots are dried, roasted, and ground as a substitute for coffee. The leaves are used as a salad during the early spring.

Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.

CELERY

Ounce of seed will produce about 8,000 plants
A quarter pound for an acre

Celery seed is slow to germinate, and ample time must be given. Sow thinly; cover lightly; keep constantly moist. When the seedling plants are three inches high they should be clipped at the top to favor socky growth, or else transplanted. Celery is mostly grown under flat culture, without trenches, in rows 4 ft. apart, 6 in. apart in row. For home use, Celery is often grown in double rows, 10 in. apart, without trenching, and banked for winter storage just where it grows, without lifting.



GOLDEN SELF-BLANCHING CELERY

GOLDEN SELF-BLANCH- ING OR PARIS GOLDEN

Finest French-Grown Seed

This variety of French origin, is becoming more popular every year, and is now one of the most extensively grown sorts, both for private use and for market. American Golden Self Blanching has given satisfaction in the family garden, yet most of the larger growers in Ohio, New York, Michigan, Florida and other States insist upon having only French grown seed even though it costs double the price. We handle the originator's seed only, noother imported seed of this variety.

Not as early as White Plume, though it possesses the same self-blanching characteristics and is of heavier and more compact growth, the stalks being thick, crisp and brittle, while the hearts are large and solid, all branching a beautiful waxen yellow; the quality is superb, tender and free from stringless; flavor rich, delightful. (Our seed is grown by the originator in France.)

Pkt. 10 cts., oz. \$1.25, ¼ lb. \$4.25, 1 lb. \$15.00.

Frank Burma, Ohio.—"Your strain of Golden Self-Blanching Celery has proven to be the best of quality."

Geo. Best, Hartville.—"I was much pleased with celery seed purchased of you."

Wm. Morse, N. Y.—"Your celery proved to be a winner in this locality this year, it did not show any seeders. We want 2 lbs. of the same seed this season."

EASY-BLANCHING

The Easiest and Quickest to Blanch

A new variety of great merit. Plant is of medium height and compact, having light green foliage, stalks broad and thick.

It is very easily blanched and might be termed a second early variety as it is ready for use to follow GOLDEN SELF-BLANCHING.

It is a good keeper, and may therefore be grown for winter and spring use. The stalks are heavy, tender and crisp, flavor is first class.

Pkt. 15 cts., oz. \$2.00, ¼ lb. \$8.00.

GIANT PASCAL

Stalks are dwarf, stocky growth, broad, thick, solid, stringless, almost as brittle as glass; fewer in number than in ordinary kinds of Celery, but making full weight by reason of width and thickness. An elegant winter keeper for home or market.

Pkt. 5 cts., oz. 30 cts., ¼ lb. 85 cts., lb. \$3.00.



GIANT PASCAL CELERY

CELERY—Continued



H. L. HOLMES, JR., AND MR. HOMER DULABAHM INSPECTING A FIELD OF COLUMBIA CELERY AT THE DULABAHM GARDENS, CANTON, O.

COLUMBIA

A valuable Celery to follow Golden Self-Blanching. Stored at the same time, it will be ready just as soon as the Golden Self-Blanching is gone. The stalks are broad and thick, almost round, solid and of the highest quality, and very attractive in appearance. The foliage is of a distinct light shade of green with a tinge of yellow. The plant is of medium height, blanches easily and is a good winter keeper. An excellent home or market sort.

Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.00.

Robert Jackson, Mich.—“I am sending you a sample of celery grown from your Paris Golden Yellow Self-Blanching. There is no better celery grown in this muck. Send me $2\frac{3}{4}$ lbs. of the same seed.

WHITE PLUME

Earliest and most easily blanched, but does not keep well if taken from the trenches. The plants grow rapidly and blanch easily during the summer months. Later in the fall the central stalks and leaves are of pure snowy whiteness, even without earthing up, but stalks should be gathered together and earthed up as in other varieties, so as to produce close, attractive bunches.

Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

DWARF GOLDEN HEART

Reliable half-dwarf sort. A famous Celery, producing handsome stalks of a rich green color, bleaching to beautiful golden yellow; crisp and tender. A strong grower and a good winter keeper.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

CELERY PLANTS. Ready in July. Write for prices.

CELERY TAPE. Guaranteed fast colors, red and blue, in 1,000-yd. spools. Write for lowest prices.

CHERVIL

CURLED. Leaves used for flavoring soups and stews and for garnishing. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

CRESS

Sow Curled Cress thickly in shallow drills, every 2 or 3 weeks. Should be cut often and it will continue to grow. Useful not only for salad, but for the breakfast table and for garnishing. Water Cress should be sown in damp soil; or, if a stream of water can be utilized, they will be much finer. Will also thrive well in damp hotbeds. Rightly managed, their culture is very profitable. To obtain early salad, it is a good plan to sow with Water Cress seed a strip 4 in. wide on the outer margin of a hotbed, inside the frame, where it is always cool.

CURLED OR PEPPER GRASS. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

WATER CRESS. Very mild. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25.

DWARF WHITE SOLID OR KALAMAZOO

Close, compact, erect-growing variety, stalks broad, solid, crisp, fine quality, blanching very readily. Plants do not sucker and may be grown close together.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

CELERIAC

TURNIP ROOTED CELERY. An excellent thing in its way. It is used for flavoring, and is in wide demand. Culture is the same as celery. As the roots are the edible portion, it requires no hilling. Is early and smooth. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

RAFFIA (TYING GRASS). Natural color. Lb. 40 cts.

CHIVES

Chives are perfectly hardy perennial plants of the onion type. Are grown for their small leaves, which are produced freely very early in the spring, for giving a mild onion flavor to various dishes.

Per bunch 20 cts., 2 bunches for 35 cts.

C. H. Rice, No. Bloomfield, O.—Our vegetable and flower seeds came in quick order. Many thanks.

COLLARDS

GEORGIA SOUTHERN. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

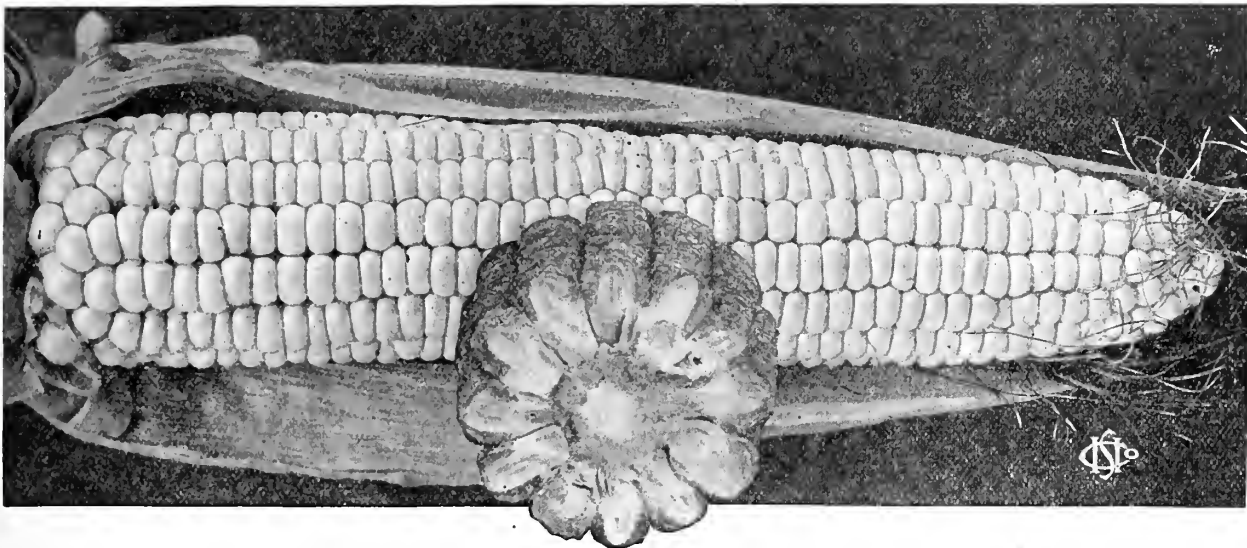
CORN SALAD OR FETTICUS

LARGE SEEDED. Well known. Matures in 4 to 6 weeks. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

SWEET CORN

Use two pounds for 600 hills
12 to 16 pounds to the acre

Sweet Corn always does well on sod land, or where clover has been turned down. Plant when danger of frost is over, in hills 2 x 3 ft., or 3 x 4 ft., according to variety. Give frequent and continued shallow culture. Leave 2 or 3 stalks to the hill, and make successional plantings until nearly mid-summer. Cover seed with an inch of soil.



HOLMES' PREMO

THE EARLIEST LARGE EARS SWEET CORN

Ready for the table in 60 days. Must be planted fully as early as the Adams. The young plants stand light frosts, where the other varieties are tender, the seed will not rot when planted before the soil becomes warm. The stalks grow about 5 ft. high, and bear two uniformly-sized, finely-appearing ears, 7 to 9 in. long, to each stalk. HOLMES' PREMO is of the best quality. The ears are well filled to the very tip.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.

PEEP O'DAY

Very early. Sweet and delicate in flavor. Single plant bears from 3 to 4 ears. The ears are small, 6 in. in length, kernels white. Stalks grow 3½ to 4½ ft. in height, having light foliage, therefore may stand close together.

Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$25.00.

MAMMOTH WHITE CORY

An early corn. Grains large and white and of remarkably good quality. The size give it ready sale when the market is overstocked.

Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$25.00.

EARLY MINNESOTA

Early sort. Stalks 6 ft. high, bearing 1 or 2 ears. Ears 8 in. long, 8-rowed; kernels broad, sweet, tender.

Lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$25.00.

KENDEL'S EARLY GIANT

Remarkably large in ear for a second early sort and extensively grown in some localities for the market. The stalks are about five and one-half feet high. The ears are about eight to nine inches long, twelve rowed. The grain is white, rather broad and shallow, and the quality very good.

Lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$25.00.

Not less than 10 pounds at the 100 pound rate. One hundred pound prices do not include transportation.

GOLDEN BANTAM

Earliest, hardiest and sweetest deep, yellow-grained variety. GOLDEN BANTAM is actually the finest flavored of all Sweet Corns. Can be planted thickly; stalks have 2 or 3 ears. On account of the firm substance of the cured grains, can be planted earlier than any other Sweet corn, which, in itself, is a valuable quality.

Pkt. 10 cts., lb. 70 cts., 2 lbs. \$1.25, 100 lbs. \$35.00.

Mrs. E. J. Peeteys, Ind.—“I was well pleased with the result of seeds planted which I obtained from you. We like the Golden Bantam Sweet Corn very much, first because it is early, second, it has a sweeter and richer flavor than any corn we have ever raised. The Lima Beans were fine.”

CROSBY EARLY

A 14-row second-early corn; ears 6 to 7 inches long; one of the best for the truck grower and home gardener.

Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$25.00.

ADAMS' EXTRA EARLY

Earliest, hardy, not sweet. Grains white and the ear presents a fair and attractive appearance.

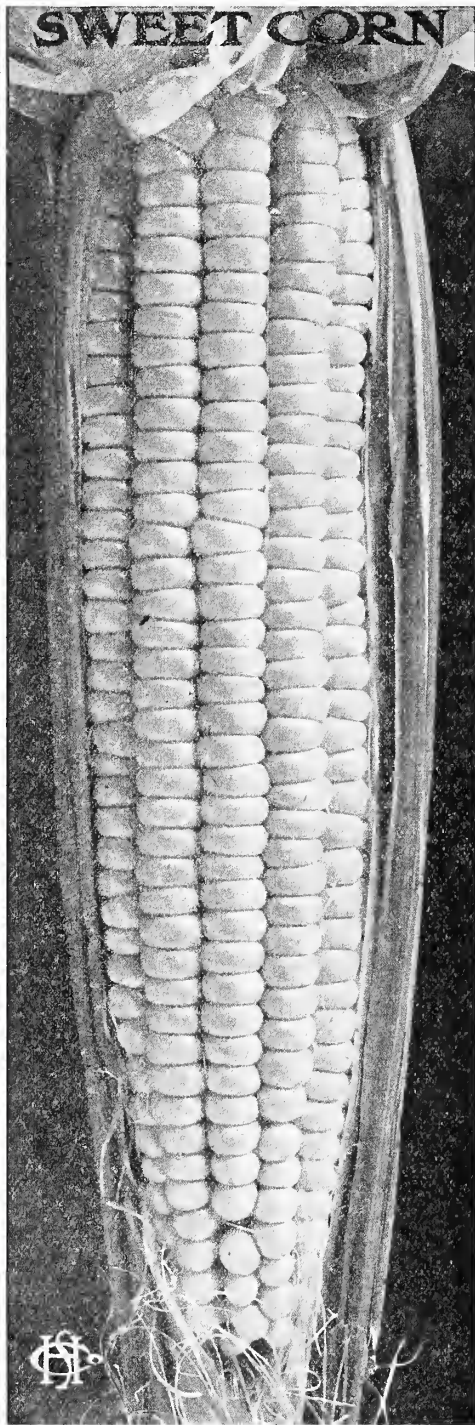
Pkt. 10 cts., lb. 25 cts., 2 lbs. 40 cts., 100 lbs. \$10.00.

HOWLING MOB

LARGE EARED EARLY SWEET CORN

Originated in Ohio. Ready to use within 3 to 5 days after Early Cory when both are planted at the same time. Ears measure 7 to 9 in. with 12 to 14 rows of good size. Stalks are strong and vigorous, growth $4\frac{1}{2}$ to 5 ft. in height, having abundant foliage, generally producing 2 fine ears to a stalk.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.



HOWLING MOB

EARLY CHAMPION

Is a second early which ranks high in popular favor, it is one of the earliest **large sweet** corns, in season two weeks later than "Mammoth White Cory," the ears have 12 very uniform rows of pure white, not too large, kernels, which are tender and full of milk. The cobs are medium size, quite handsome in appearance and are often borne three on a stalk. Planted by many gardeners in some localities for both early and late. Our stock is very uniform and well bred.

Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$25.00.

NECTAR

This corn has a splendid record for producing two large ears to the stock and maturing about ten days after Mammoth White Cory. Stock grows about six feet high; it will bring success to any careful gardener.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.

EARLY EVERGREEN

Earlier than Stowell's Evergreen. Ears about 7 in. long, with 16 to 18 irregular rows, with very deep grains. Plants about 7 ft. high. Main-crop variety for home garden and market.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.

BLACK MEXICAN

Corn cooks remarkably white, but the ripe grain is bluish black. Is tender and fine quality. Stalks about $6\frac{1}{2}$ ft. high; ears about 8 inches long; usually 8-rowed.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.

GOLDEN CREAM

Golden Yellow Country Gentleman Sweet Corn, very popular on account of its delicious flavor. Stalks grow about 5 ft. high, bear two ears. Kernels are long and pointed, are borne on a very slender cob in irregular rows.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.

COUNTRY GENTLEMAN OR SHOE-PEG

A mid-season Sweet Corn. Ears are large size, frequently three on a stalk. Grains are irregularly set on the ear. Cob is remarkably small, giving great depth to the grains. Ears average 8 to 9 in. in length. For sweetness none surpasses this variety.

Pkt. 10 cts., lb. 70 cts., 2 lbs. \$1.25, 100 lbs. \$35.00.

MAMMOTH LATE

A large-eared variety. Produces mammoth ears which are thick through, with large, broad grains of excellent quality.

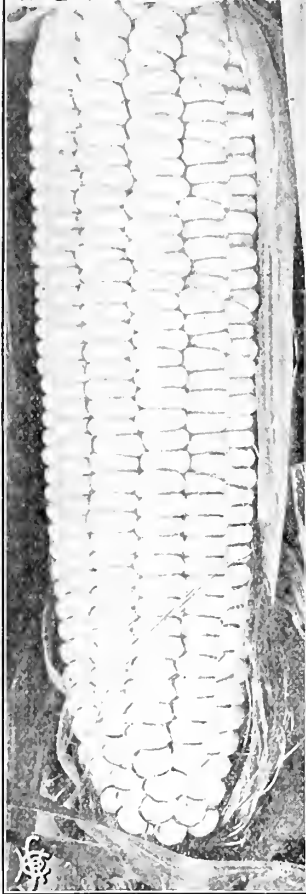
Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.

H. A. Beaver, N. Y.—"Your Big Boston Lettuce was a hummer. Ship me 70 lbs. March 1, 1917."

Mrs. J. W. Imhoff, Ashland County.—"Had a nice lot of Queen's Golden Pop-Corn."

Not less than 10 pounds at the 100 pound rate. One hundred pound prices do not include transportation.

HOLMES' TOP-NOTCH



Holmes' Top Notch Sweet Corn

A second-early variety. Ears carry an average of 14 rows of fine, large, deep, white, very sweet grains, which are tender. The stalk is strong, sturdy, of medium height; the leaves broad, green in color, which gives it endurance during a dry time. Adapted for early trucking.

Pkt. 10 cts., lb. 70 cts., 2 lbs. \$1.25, 100 lbs. \$35.00.

WHITE EVERGREEN

Ears as large as those of Stowell's, is about 5 days earlier. Its most valued feature is the whiteness of the grain. Stalks 7 ft. in height, ears contain 16 or more rows of deep grains.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.

STOWELL'S EVERGREEN

Standard main-crop variety. Hardy, productive, very tender, sugary, remaining a long time in condition. Our stock has been carefully grown and selected. Ears about 8 in. long, 14 to 20-rowed; stalks about 7½ ft. high.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.

NARROW GRAINED EVERGREEN

A NEW LATE SWEET CORN. A selection from the broad grained Evergreen in which the large sized cob is retained with the kernels only half as wide as the Standard Sort. The result is a much more attractive looking corn. Especially valuable to market growers. Pkt. 10 cts., lb. 70 cts., 2 lbs. \$1.25, 100 lbs. \$35.00.

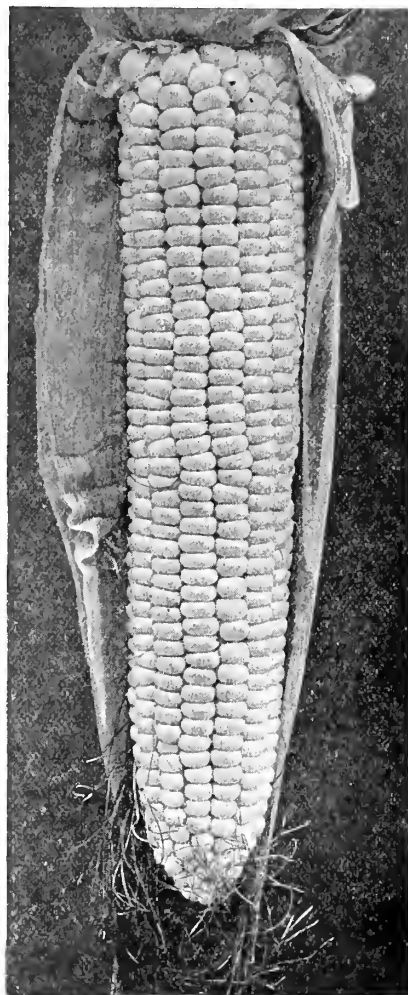
POP-CORN

WHITE RICE

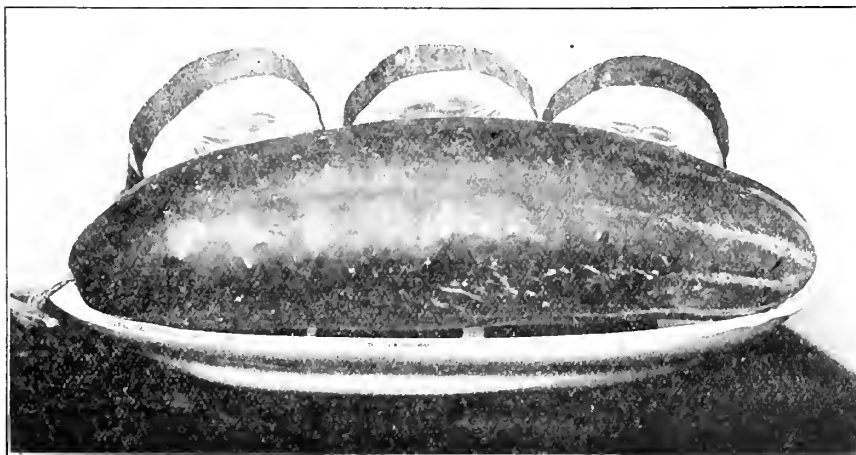
Six ears on a stalk is not a rare occurrence. The grains are sharply pointed. Lb. 20 cts., 2 lbs. 35 cts. Write for prices on larger quantities.

QUEEN'S GOLDEN

Pops perfectly white. Produces 4 to 6 ears on a stalk. Lb. 20 cts., 2 lbs. 35 cts. Write for prices on larger quantities.



NARROW GRAINED EVERGREEN CORN



DAVIS PERFECT CUCUMBER

The originator states that he experimented several years in trying to get an improved strain of Cucumber for forcing under glass and outside culture. The Cucumbers are a good shipper, rich dark green, about twelve to thirteen inches in length, slender, slightly tapering, straight on under side, slight hump on upper side, shy seeders, very tender, of fine flavor. Vines vigorous and able to withstand unfavorable weather, better than most varieties.

Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.

CUCUMBER One ounce will plant fifty hills; two pounds will plant one acre

For early use, plant, if the weather has become settled and warm, in hills 4 to 6 ft. apart each way; thin out to 4 of the strongest plants to each hill, after all danger from insects is over. Cucumbers succeed best in a warm, moist, rich, loamy soil. Continue planting at intervals for a succession. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant from June until the middle of July. The yellow-striped Cucumber or squash beetle is the most serious insect enemy of the crop. Bordeaux-arsenate of lead mixture is by far the best remedy yet discovered. Dilute it with water, three ounces to the gallon, and spray it on the vines when in danger of the beetle or blight.

**ARLINGTON PERFECTED WHITE SPINE CUCUMBER**

EXTRA EARLY—PROLIFIC—THE FINEST FOR SLICING

One of the popular and best white spine strains. The fruits are very uniform in shape and size, and retain a dark green color, making it especially attractive as a commercial and slicing cucumber. It is largely used in the south for northern shipments, and a favorite among critical market gardeners in all sections. Fruits will average eight to nine inches in length and two and one-half inches through, very prolific, finest for slicing. We have excellent stock of this strain.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.**KLONDYKE**

A hybrid sort of the White Spine type, which holds its dark green color longer than most other sorts. Averages 6 to 7 in. in size; ends are quite square and it is about 2 in. thick. Its extreme earliness, combined with its prolific and hardy qualities, make it a very desirable variety for either market or private use. An excellent sort for slicing. When small, this variety is also an excellent pickling sort.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.**EXTRA LONG OR EVERGREEN
WHITE SPINE**

One of the very best white spine cucumbers, due to its length, which oftentimes will be ten to twelve inches from end to end. Vines vigorous and strong, producing a heavy crop of fruit, which are smooth, dark, shiny green until a late stage of maturity.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.**LEMON CUCUMBER**

Similar in color and shape to a lemon. Delicious flavor, never bitter. Excellent for slicing, used in salads, when quite small is often eaten like radishes. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. \$1.00.

EVERBEARING

Very early prolific. Fruits 4 to 6 in. long, quite thick and blunt at the ends; rich dark-green color.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.**HILLS FORCING WHITE SPINE**

We believe we have the most uniform shaped, dark-green cucumber grown. It is equally good for forcing, and as a slicer, in our opinion, has no superior.

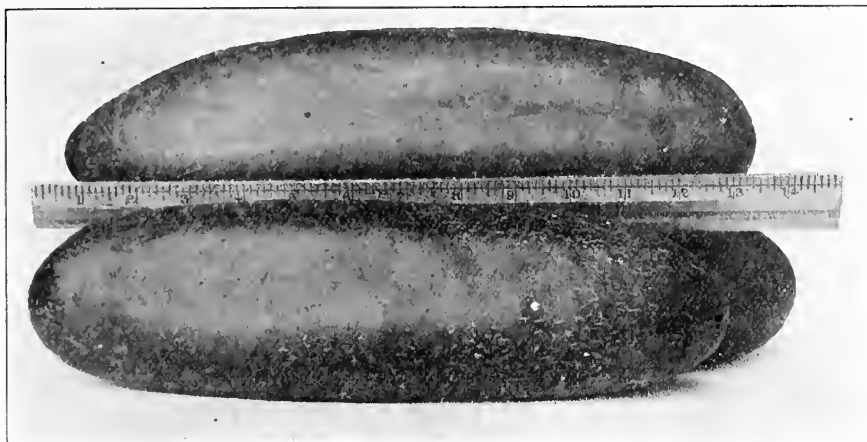
It is very popular with home gardeners, and equally so with market gardeners and anyone desiring cucumbers, holding their dark-green color until maturity.

If you do not grow this variety you should do so and give yourself one of the choicest and best of white spine varieties.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.**EARLY CLUSTER**

This medium-sized, bright-green variety, is one of the most prolific of our cucumbers. Combined with extra earliness and productiveness, it is a strong, rugged grower and a continuous producer. Owing to its early maturity and thrifty growth, it will withstand unseasonable weather and produce good crops under adverse conditions. Not quite so large in size as some of the standard pickling varieties, yet it makes one of the very best varieties for home use or for growth as a standard pickle sort. Can be used for slicing.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.



IMPROVED LONG GREEN CUCUMBER

Fine Cucumber, grows from 12 to 14 inches in length, and is of superior quality. The young fruits are very largely used for pickling, a standard sort for that purpose. Full-sized Cucumbers are in high favor for making the so-called sweet pickles. Vines are strong growers, while a shy seeder, the fruit is always produced in great abundance, making it one of the most productive varieties in cultivation. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

SHORT GREEN OR EARLY FRAME. Very desirable variety for either pickling or table use. Fruit straight, small at each end; bright green. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

COOL AND CRISP. Fine garden Cucumber, deep green, crisp. White Spine type, pure white when ripe. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

SELECTED JERSEY PICKLE. Prolific, producing pickles of medium size, skin thin and tender. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

EXTRA EARLY GREEN PROLIFIC OR BOSTON PICKLING. Very prolific variety, used principally for pickles. Fruit medium sized, bright green; very even and symmetrical. Gather when small and it will bear all summer. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

CHICAGO PICKLE. The most popular pickle variety in use about Chicago. Medium sized, dark green. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

DANDELION

One ounce of seed to 300 feet of drill

A hardy perennial. Sow in early spring, in drills half an inch deep, and thin to 10 to 12 in. in the row. Will be ready to cut the following spring. (Crop very short.)

IMPROVED THICK LEAVED

Very early; large leaves which make wholesome greens. Pkt. 15 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.00, lb. \$7.00.

FRENCH COMMON

A pure-bred Dandelion cultivated from selected strains. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

J. F. Hammar, Nashua, N. H.—“The Improved Thick-Leaved Dandelion came up 90%. That is some for Dandelion.”

Mr. A. F. Erdman, Mantua, O.—“We are well pleased with our seeds.”

SNOW'S PICKLING. An early maturing, very small, dark green cucumber, cylindrical, square ended, and very popular with growers for small pickles. We have been giving special attention to purity and uniformity of type and we believe the seed we offer meets in all respects the requirements of those who want an ideal bottle pickle. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

JAPANESE CLIMBING. Good variety for training to a trellis. Forms long fruit of rich dark green color. The flesh is white, crisp, good flavor. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

GHERKIN OR WEST INDIA GHERKIN. Extremely small fruited variety, grown exclusively for pickles. Has no value for slicing. Very prickly, but tender and crisp if picked when young. Seed germinates slowly. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

H. S. Mitchell, Canton, O.—“The seeds which I purchased from you were fine, and I can make no complaints.”

HORSE-RADISH ROOTS

(Ready in March)

Set the roots in spring in rows 6 in. apart, about the same distance in the row. Late in the fall lift as many roots as you think you will use during the winter, cut off the tops, place them in a cool cellar covered with soil or sand, and grate as wanted. A bed once planted remains for years.

MALINER-KREN

BOHEMIAN

An introduction of the U. S. Department of Agriculture. A much earlier and better producer than the common sort. The roots grow larger and whiter and the quality is superior. All growers should have it.

Sets of Roots, per doz., 35 cts; 50 for \$1.00, post-paid; by express at expense of purchaser, 50 for 65 cts., 100 for \$1.25; 1000 for \$8.00.

EGGPLANT

One ounce of seed for 2,000 plants
¼ pound to an acre



BLACK BEAUTY EGGPLANT

Sow seed in March in hotbeds, and when 3 in. high transplant into small pots or otherwise. Plants outdoors in May or June, or after the weather has become permanently warm. The rows should be 3 ft. apart and the plants set 2 ft. apart in the row.

BLACK BEAUTY EGGPLANT

While the Eggplant is naturally tender, the plants of this variety are remarkably healthy in their growth, and produce an abundance of large fruits fully ten days earlier than the New York Improved. The skin is of rich purplish black, making the fruit very attractive in appearance. Entirely spineless. The quality is all that could be desired, and the fruits are solid, tender and of excellent flavor. Make a good show on the market-stall, always bring good prices.

Pkt. 10 cts., oz. 75 cts., ¼ lb. \$2.00, lb. \$7.00.

NEW YORK IMPROVED PURPLE

The leading sort for home and market. Plant is a vigorous grower. Fruit large, fine and free from thorns, and produced until frost. Skin rich purple. Flesh white and of good flavor. We can highly recommend this carefully selected strain of Eggplant to market gardeners and amateurs.

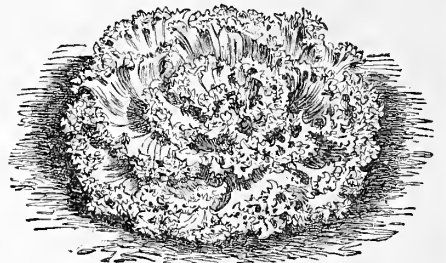
Pkt. 10 cts., oz. 60 cts., ¼ lb. \$1.75, lb. \$6.00.

ENDIVE

One ounce of seed to 300 feet of row
drill 4½ pounds to an acre

Sow in shallow drills in April for early use, or for late use in June or July. When 2 or 3 in. high, transplant into good ground or thin out to 1 ft. apart. Sometimes called Chicory.

	Pkt.	Oz.	¼ lb.	Lb.
Green Curled. The most popular variety...	\$0.05	\$0.15	\$0.40	\$1.50
White Curled. The most attractive in appearance, very crisp .....	.05	.15	.40	1.25
Giant Fringed. Has a large white heart .....	.05	.15	.40	1.25
Broad-Leaved Batavian (Escarolle). Broad, thick leaves.....	.05	.15	.40	1.50



WHITE CURLED ENDIVE

GARLIC BULBS—Write for Prices

J. J. Richards, New London, O.—The seeds ordered I am well satisfied with.

KALE OR BORECOLE

One ounce will sow a drill 150 feet long; three lbs. will sow an acre

DWARF GREEN CURLED SCOTCH

Should be sown during June and transplanted later for use during fall, winter or early spring. Plants are hardy above zero. Flavor is best after being exposed to frost. For this reason, the crop from summer sown seed is preferable, although it is often used in summer.

Pkt. 5 cts., oz. 20 cts., ¼ lb. 55 cts., lb. \$1.75.

DWARF SIBERIAN

Rather coarsely curled leaves, but very tender and of delicate flavor.

Pkt. 5 cts., oz. 20 cts., ¼ lb. 55 cts., lb. \$1.75.

Mrs. R. E. Donelson, Ashland, O.—Was well pleased with your seed.

KOHL-RABI

1 oz. of seed will sow 300 ft. of drill; 4 lb. to an acre.

EARLY WHITE VIENNA

A singular variety of Cabbage with a Turnip-like bulb which forms immediately above the ground; flavor of both Turnip and Cabbage. Should be in every garden.

Pkt. 5 cts., oz. 25 cts., ¼ lb. 70 cts., lb. \$2.25.

EARLY PURPLE VIENNA

The outside color is purple; flesh white and delicate.

Pkt. 5 cts., oz. 25 cts., ¼ lb. 70 cts., lb. \$2.25.

C. L. Schlott, Louisville, O.—“I found your seeds all O. K. Will be back next season.”

LEEK

One ounce of seed to 150 feet of drill;
4 lb. will sow an acre

Sow in the early spring in drills 1 in. deep and 12 to 18 in. apart and transplant to permanent rows, 10 in. apart each way.

LARGE AMERICAN OR LONDON FLAG

A variety similar to, but larger than the old London Flag.

Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

LETTUCE

One ounce will sow 300 feet of drill
four to five pounds for an acre

Start the seed in boxes, frames or borders, and transplant once or twice, giving a space of 7 x 7 in. up to 12 x 12 in., depending on variety, for final development. Extra-rich, mellow ground, the highest culture and sufficient moisture are demanded for best results. Lettuce is hardy, but makes little growth when the mercury is below 40 degrees. When much above 65 degrees the plant quickly becomes drawn out of shape. Sow shallow.

Our Leaflet "Lettuce Culture for the Home and Market" sent free if asked for.

CABBAGE OR HEADING VARIETIES



BIG BOSTON LETTUCE

ALL SEASONS

Called an IMPROVED DEACON. An excellent variety; does exceedingly well in hot, dry weather. It is medium large in size and of an attractive appearance, having large, broad leaves of a light-green color. The inner leaves are beautifully bleached a rich golden-yellow; extremely solid heads, never spotted nor brownish; sure heading very slow to run to seed; tender and mild.

Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.50.

IMPROVED HANSON

Fine, large-heading variety. Leaves curled on the edges; light yellowish-green in color. Head is crisp and brittle, flavor excellent. Very best house garden variety in existence; much the finest variety of its class. Hanson is similar to the famous Los Angeles lettuce listed below, but is larger and lighter green; an extra fine sort. Allow 12 in. for each head.

Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.50.

SALAMANDER

It is decidedly a butter variety, strictly cabbage-heading, large to medium in size, maturing in about 70 days, and standing well before shooting to seed. The color is light green, never spotted or brownish in any part; quality excellent and highly recommended for both private and market-gardens, being of a very sweet flavor, a sure and reliable header, an excellent shipper and good seller.

Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.00.

Your Big Boston Lettuce is fine. I had heads weighing 1½ pounds.

Mrs. J. W. Imhoff, Ashland Co., Ohio.

BIG BOSTON

The best Head Lettuce on earth, big, compact, creamy, buttery heads, tender and crisp. For early spring, late summer and fall planting, always brings a good crop, is used more than any other sort. See page 10.

Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.50.

MAY KING

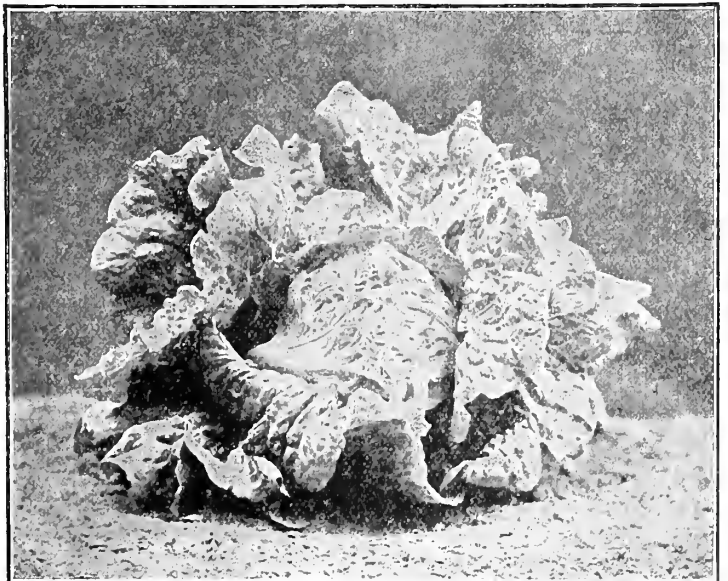
Extremely early variety, forming fine hard heads within a few weeks after planting. Medium sized, light green, with buttery but crisp heads. Has just a faint tint of brown on the head. We have had no end of praise from our friends and customers who have tried this variety. Essentially a spring sort, and does well all summer. Being of rapid growth, quick heading, it is especially recommended for home garden, is universally esteemed.

Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.50.

CRISP-AS-ICE

A most beautiful, attractive Lettuce of the cabbage type. The heads are solid, of immense size when well grown, and so exceedingly crisp, tender and brittle as to fully warrant the name, Crisp-as-Ice. Glossy leaves are thick, nicely crimped and curled; outside leaves are beautifully variegated with dark bronze and green. Heads, when cut open, have a rich, creamy yellow heart. A superior family and home market lettuce.

Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.50.



IMPROVED HANSON LETTUCE

When ordering, ask for our Leaflet on Lettuce Culture

LETTUCE—CABBAGE OR HEADING—Continued



NEW YORK LETTUCE—Crisp and Delicious

CALIFORNIA CREAM BUTTER OR ROYAL SUMMER CABBAGE. Very popular variety for autumn and winter use. Forms a very large head, is very buttery, of a rich golden-yellow inside. Leaves are thick, bright green, the outer leaves are slightly spotted with brown. Easy to grow, good shipping variety. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

NEW YORK OR WONDERFUL. Produces immense heads, and weighing enormously. The interior is beautifully blanched, creamy-white, crisp, tender and delicious, being absolutely free from any trace of bitterness. A very large, robust growing variety, rooting deeply, resisting hot, dry weather, very slow to run to seed and a sure header. The outer color is of a distinct apple green. Has been extensively grown in almost all sections of the country. As a standard main summer crop, hot weather lettuce; in every way desirable; has no equal; is not recommended for forcing. (See engraving.) Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

ICEBERG. Large-heading variety; crisp and brittle, color bright green, lightly tinged with brown on top

of the head; leaves curled on the edges. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$1.75.

DEACON. A large summer cabbage variety, having thick, bright-green leaves; forms a large, buttery head; very bright golden-yellow inside. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

LETTUCE—Curled or Loose Leaf Varieties

BLACK SEEDED SIMPSON. Bunching variety, forming no definite head. Has a large mass of fine brittle leaves of a light-green attractive color. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

EARLY CURLED SIMPSON. Loose-bunching sort, forming no definite head. Crisp, tender; light-green in color. Very hardy, easy to grow. Home, garden or market. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

THE MORSE. Large, loose-bunching or non-heading variety, forming a large bunch of leaves which are very crisp. Fine flavor. Color is light-green, very attractive. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

PRIZE HEAD. One of the very best early loose-bunching or non-heading varieties. Leaves brown, very curly, of remarkably fine flavor. Grows quickly and all except the outer row of leaves are very brittle. Is probably the most easily grown lettuce in cultivation. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

ROMAINE OR PARIS WHITE COS. Best of the Cos or celery varieties. Forms a large, light-green plant with the head well folded, quite solid. Very popular with our foreign population, for it is highly prized in England and France, while little known to our own people. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

GRAND RAPIDS

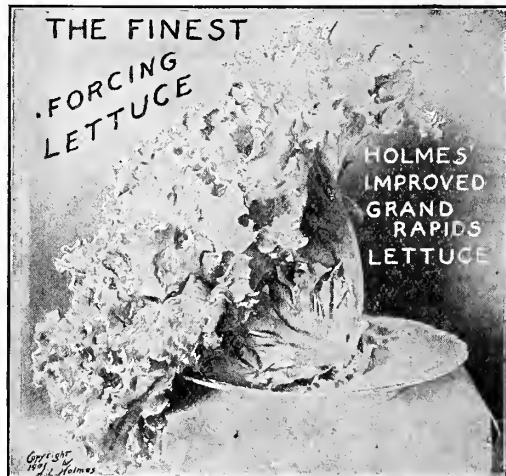
(Special Strain)

Probably the best of the loose-leaved varieties. Never forms a head, but produces an abundant crop of pale green leaves, slightly but closely crumpled, which, even when old, retain their characteristic tenderness and brittle character. Moreover, the flavor, even of the outside leaves, is fully equal to that of the heart leaves of many heading varieties. The plant may be cut whole, or the outside leaves may be removed, leaving the younger ones to grow, thus forming a continuous crop in the garden. Owing to the fact that the lower leaves grow upright and clear of the ground, it rarely suffers from rot, and is therefore more largely grown for forcing than any other sort.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

We had your strain of Grand Rapids Lettuce last year and find it very good. W. H. Weinschenk, New Castle, Pa.

Homer Dulabahn, O.—“Your Grand Rapids Lettuce is a fine strain. I find no straight leaf stalks. Our beds are a sight to look at.”



MUSHROOM SPAWN

Growing Mushrooms Profitable Business
Cultural directions free for the asking

PURE-CULTURE MUSHROOM SPAWN

By a newly discovered process of selection and grafting, the spawn is scientifically propagated so that large, vigorous and finely flavored Mushrooms are reproduced. The sort we offer is earlier, more productive and a marked improvement on wild spawn, either French or English.

Brick (about $1\frac{1}{4}$ lbs.), 35 cts., 5 bricks, \$1.75.

Brick Will Spawn 10 Square Feet



MUSTARD

One ounce will sow
75 feet of drill

MUSTARD

The seed leaves are used for salad; when older, they are boiled for greens.

GIANT SOUTHERN CURLED

A favorite in the South, where it is sown in the fall for spring salad.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

WHITE LONDON

Generally used while young in salads and garnishing.

Oz. 5 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

The seed we got from you this Spring gave fine results. Kindly send us catalogue when issued as we desire to order again in the Spring.

Mrs. T. J. Mann, Grafton, Ohio.

OKRA or GUMBO

One ounce of seed to 100
feet of row; 8 lbs. to an acre

CULTURE. Sow late in the spring, after the ground has become warm, in drills 3 ft. apart, where the plants are to remain. Thin out to from 9 to 12 in. Should be well manured. May also be raised in pots or a hotbed, and transplanted. For keeping, they should be picked while small and tender.

WHITE VELVET

White pods; smooth and velvety in appearance. Lady finger. Long, slender pods.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

DWARF GREEN PROLIFIC

Short, thick pods.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

PERKINS' MAMMOTH

Fine strain; very long pods.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.



ONION SETS

1 quart will plant 40 feet
8 bushel to an acre

We are prepared to furnish the choicest stock and spare no pains to produce them from thoroughbred seed and to keep them true to name. Onion Sets are subject to market changes. Before buying write for lowest prices.

YELLOW GLOBE SETS

Per lb. 25 cts., postpaid.

Write for prices on larger quantities.

WHITE SETS

Per lb. 35 cts., postpaid.

Write for prices on larger quantities.

Onion Sets in quantities are by freight or express at purchaser's expense for transportation

EGYPTIAN OR PERENNIAL TREE SETS

Ready in August

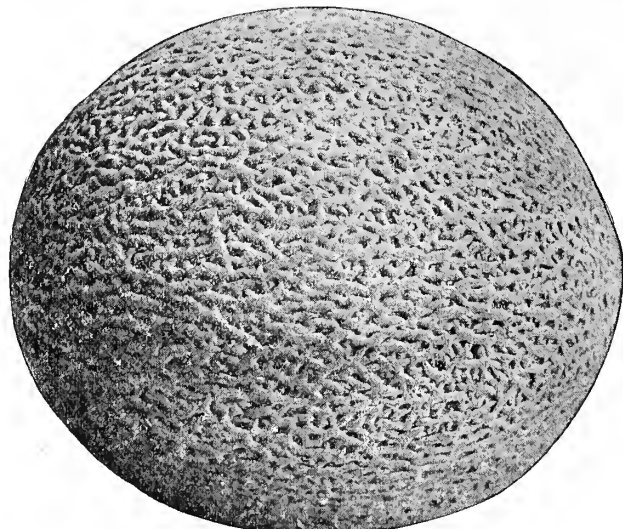
A perfectly hardy perennial onion, throwing up stalks every spring. It produces sets or small bulbs at the summit of the stalk and the root also divides. They are planted in Aug. and Sept. for scallions.

Per lb. 25 cts., postpaid.

Write for prices on larger quantities.

MUSKMELON—One ounce to 60 hills; 2 to 3 pounds to an acre

Plant seed in hills 4 to 6 ft. apart each way, after danger of frost is over. Use well-rotted manure in the hills. Insert seeds just under surface of soil; thin out, leaving only four plants to a hill. A light, warm soil is best, but there are varieties adapted to heavy loams, if well drained. In hoeing draw the soil well up to the plants. Fight bugs with tobacco dust, Slug-Shot, air-slacked lime or Bug Death. See page 80.



DELICIOUS GOLD-LINED ROCKY FORD

ROCKY FORD OR NETTED GEM

The variety that has made Colorado famous for its luscious Rocky Ford melons. The skin, green, turning to a peculiar gray color when the melon is fit for shipping. The flesh, green in color, and so sweet and luscious that it may be eaten close to the rind. The melon should have a small seed-cavity, and the portion of the flesh immediately surrounding it be slightly tinged with yellow. The melon should weigh about one and a half pounds and be very solid and firm.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Remember, there's an entirely new and delicious flavor in Honey Dew Melon, different from every other melon. See page 9.

JENNY LIND

The earliest of the green-fleshed sorts, one of the sweetest. It is round or flattened at the ends, and small, being from 3 to 5 in. in diameter. The vines are very prolific.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

ORANGE FLESHED VARIETIES

HOODOO

There is no better melon than Hoodoo. Excels in uniform size, closeness of netting, roundness of form, tough rind, blight resistance. Flesh is of fine grain; sweetest flavor. More round than Rocky Ford, a fine feature in packing for shipment. The flesh is of deep orange color and extremely thick, there being only a small seed cavity. Netting is heavy and close; melon solid, heavy, and firm at the blossom end. A wonderfully prolific melon, which nearly always produces a fine quality melon quite early in the season. Originator's stock.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

FORDHOOK

One of the best home-garden melons; of small size, globe-shaped, flattened at the ends. Roughly netted, while the skin showing through the netting is emerald green. The flesh is rich salmon in color, very solid and of delicious flavor. The rind is extremely thin and the seed cavity unusually small.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

DELICIOUS GOLD-LINED ROCKY FORD

Sweetest; Most Delicious

This early green-flesh melon has proven all we claimed for it. Its popularity has increased and our sales have far exceeded our expectations. We have carefully inspected every strain and type of Rocky Ford Cantaloupe, and we believe this to be the very best type for all purposes, that there is in existence. It is an ideal crate melon, fruits all being uniform throughout the fields, and loss from undersize and oversize is very small, and its quality can not be excelled. Medium size, solid net, gold-lined next to a small seed cavity, excellent quality, vines hardy, thrifty and rust-resistant. Our seed is made up of the highest class of selected fruits. A wonderfully prolific yielder, producing its melons 10 days to 2 weeks earlier than the Rocky Ford.

Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50, postpaid.

EXTRA-EARLY HACKENSACK

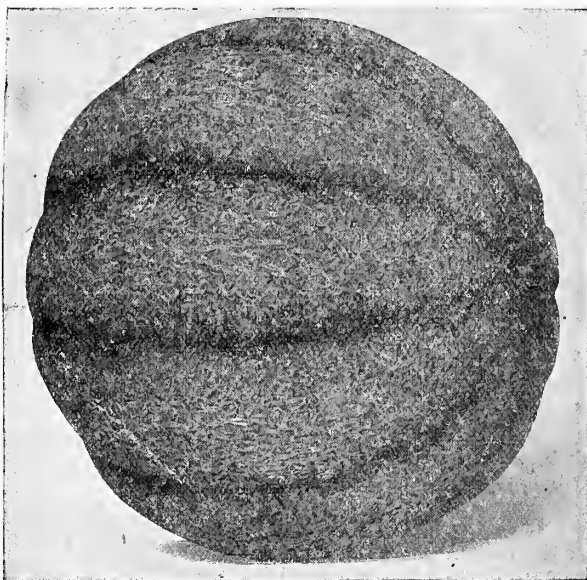
The fruits are very early ripening, medium to large-sized, nearly round, evenly and deeply ribbed and with very coarse netting. Skin is green, slightly tinged with yellow as the fruits mature. Flesh is green, juicy, sweet.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 90 cts.

OHIO SUGAR

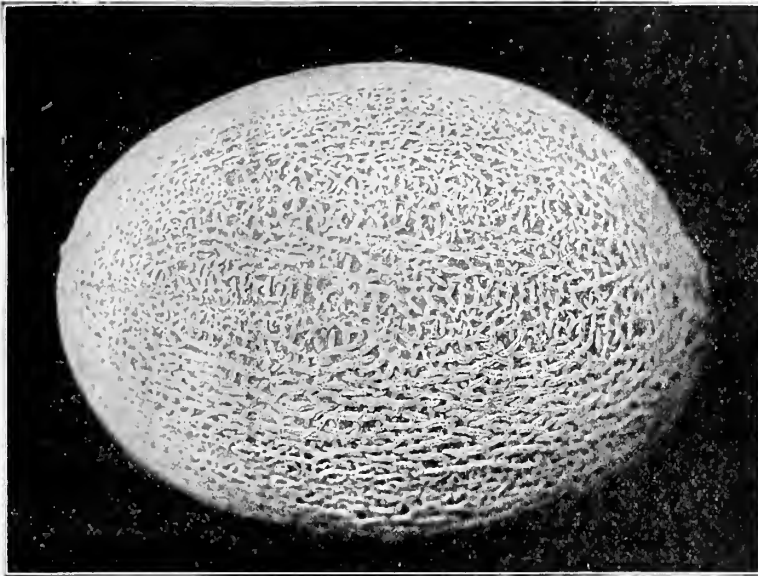
The flesh is an attractive green, sugary, juicy, tender, entirely free from any stringiness. Handsome and uniform shape; sweet and luscious clear to the rind. Has become a popular market and home-garden melon. Produces good melons on all soils.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.



HOODOO MUSKMELON

SOLID NETTED BURRELL'S GEM



SOLID NETTED BURRELL'S GEM MUSKMELON
A High-Quality Orange Colored Cantaloupe

grower, heavy yielder, of handsome appearance. This melon has been grown for a number of years by market-gardeners around Rochester, N. Y., also Columbus, Ohio, and has proved superior in every way. Its appearance on the market-stall is very attractive, and it sells on sight. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 90 cts.

PAUL ROSE OR PETOSKEY

The thickest fleshed yellow or salmon-colored muskmelon, of delightful flavor. Good shipper, a fine melon for market purposes.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 90 cts.

Miller's Cream or Osage Muskmelon

We have a most excellent strain of this popular variety. A field of our strain of Osage is a sight well worth the time and expense of any grower to see. This has been one of the most popular varieties for certain sections, and while it has been on the market a great many years, it still retains its popularity. The melon as selected today differs from the original type in having more netting. Very prolific, fair size, egg-shaped fruits, slight silver netting, thick orange flesh, fine grained and of spicy flavor; one of the best medium-sized melons for home growing and market gardeners' use.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

BANANA

Skin is long cucumber shape; flesh orange; delicious flavor.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Fully Equal to the Rocky Ford

This new muskmelon may be called an orange fleshed Rocky Ford with solid netting, which is quite different from the original Burrell's Gem. By careful breeding, the ribs have been reduced in size until now they are almost solid netted. The oval shaped melons are well shown in the illustration. They are very thick fleshed, fine grained, rich orange colored, sweet and spicy. For a shipping melon, they pack ideal, both for size and shape, and for market where a pink or orange fleshed melon is wanted, we recommend solid Netted Burrell's Gem, and for the home garden, it is one of the best orange fleshed sorts.

Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50, postpaid.

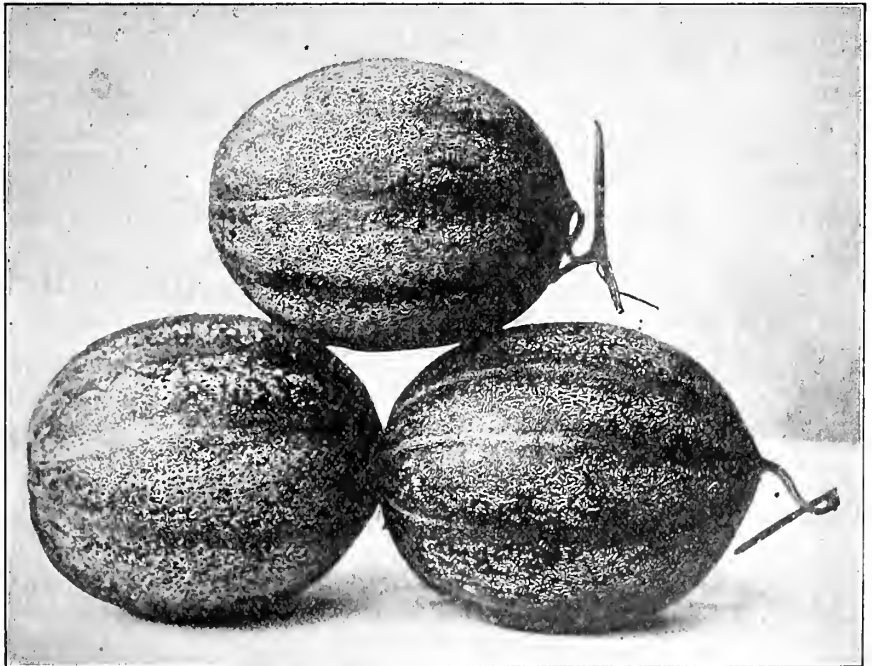
TIP-TOP

Fine, nearly round in shape, and always sells quickly in the markets. Sweet, juicy, delicious. Flesh is orange color, firm but not hard, is edible almost to the rind. Medium to large size, evenly ribbed, moderately netted; a strong

EMERALD GEM

Early, prolific. Ribs are marked, but the skin is smooth, of a deep emerald-green; flesh is thick and firm, ripening almost to the rind, richest flavor.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.



MILLER'S CREAM, OR OSAGE MUSKMELON

WATERMELONS

One ounce of seed will plant thirty hills;
three to four pounds of seed to the acre

Watermelons do best on light, well-drained soils, but there are varieties adapted to heavy loams. The hills should be 8 ft. apart each way, with some well-rotted manure in each hill, thoroughly incorporated with the soil. Plant the seed as soon as the weather is really warm and settled. Allow two or three plants to remain in each hill. Fight bugs with Bug Death.



HALBERT HONEY

TOM WATSON

HALBERT HONEY

The finest of all watermelons for the home garden and for local markets. Halbert Honey is superb, luscious flavor with dark, rich colored skin. Vines are of strong, vigorous growth and set fruits very freely. The melons average 18 to 20 in. long and are full or bluntly rounded at both ends. The skin is a dark glossy green. The flesh is crimson and extends to the thin rind.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

KLECKLEY SWEETS

Sweetest of all Watermelons, has a very luscious flavor. Skin is too tender for fruits to be shipped, is most desirable to plant for home use or nearby markets. Fruits are oblong in shape, dark green skin, thin rind, flesh scarlet, with broad solid heart, the white seeds are placed close to the rind. Flesh most crisp, sugary, and melting. Melon ripens quite early. We consider it a most desirable variety for the home garden.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

TOM WATSON

Most popular of all shipping melons. A long, dark, mottled-green melon, which at times grows exceptionally large, often weighing from 50 to 60 lbs., at the same time one of the most prolific melons in cultivation. A most excellent shipper for long distances, although the rind is thin. Flesh is of most superb quality and deep red in color. Extends to within $\frac{3}{4}$ of an in. of the green rind, and is of a good flavor. Heart large with no sign of core. We have secured a fine lot of direct headquarters seed.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

HARRIS' EARLIEST

Fruits exceptionally large for so early a variety, slightly oval, with irregular mottled, broad striped of light and dark green; flesh bright red, sweet and tender; seed black. The vines are vigorous and productive. One of the best varieties for northern latitudes. We are convinced that it is the very best first-early melon for the home garden.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

General List of Watermelons

Any of the following varieties: Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

STRIPED GYPSY OR GEORGIA RATTLE-SNAKE

Oblong, dark and striped; bright red flesh; sweet flavor.

COLORADO PRESERVING

Excellent for making preserves.

PHINNEY'S EARLY

Early and of fine quality; large; solid; red flesh. Oblong.

SWEETHEART

An early oval-shaped melon, light green mottled, with thick, tough rind. Flesh light red, solid, of fine quality and flavor.

EARLY FORDHOOK

Extra early; large, nearly round, skin tough; flesh red and very sweet.

PEERLESS OR ICE-CREAM

Fruit medium size, oval, bright green, finely veined. Flesh bright scarlet, crisp, tender and sweet.

COLE'S EARLY

Delicate in texture; fruit nearly round, of medium size, rind thin.

DIXIE

Early; productive and of fine shipping quality.

FLORIDA FAVORITE

Large oblong; flesh deep red, sweet and tender.

KOLB'S GEM

Fruit nearly round, rind dark green, somewhat marbled with lighter shades. Weight 25 to 50 lbs.

ONION

One ounce for 200 feet of drill; four to five pounds for one acre

For early green or bunching Onions sow seed of White Portugal or other hardy white varieties in early August, in well-prepared and well-drained rich, loamy soil, giving 1 ft. of space between the rows, and using 20 lbs. of seed to the acre. In many localities they winter well without mulch or other protection. For dry (fall) bulbs, select a clean, rich, well-drained and well-manured piece of land, prepare a perfect seed-bed, and sow seed in early spring in drills 15 in. or so apart. Use wheel hoe and weeders freely, and thin plants to stand at least 2 in. apart in the rows. Pull when tops begin to die down, cure and sell, or store in a cool, dry place. For sets, select clean, sandy soil of medium fertility, prepare it well in early spring, and at once sow seed in drills a foot apart, using 40 to 60 lbs. of seed to the acre. Gather the sets when ripe, cure and store in a dry, airy place. They may be wintered in a slightly frozen condition, but must be protected from repeated freezing and thawing. In early spring following, plant them in shallow drills, 12 in. apart and about 2 in. apart in the drill.

By sowing seed of the Spanish type, such as the Prize Taker and Southport Globes, under glass in January, February or even March, and transplanting in April to open ground, 3 to 4 in. apart in the rows, bulbs of immense size may be produced. Onion seed crop very short.



IMPROVED YELLOW GLOBE ONION

IMPROVED YELLOW GLOBE

Our choice improved strain of Yellow Globe Onion Seed, by which we mean seed grown from most carefully selected and picked onions. Our customers know that Seed raised from such onion, is decidedly superior to the great mass of Seed to be found on the market.

As this is one of the most profitable market garden crops, needing a considerable outlay, too much care cannot be exercised in selecting the Stock Seed, the largest crop can only be obtained from planting most carefully selected Seed. A few dollars an acre invested in Seed of extra quality is many times made up in the crop raised from them.

This onion matures early; as the outside skin is somewhat tougher than the Danvers it is more profitable for a shipping variety. It is a heavy grower, producing one-quarter more crop than Danvers and is less likely to blight. Crop very short, advise placing orders early. We can recommend this strain to most critical growers.

Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

YELLOW GLOBE DANVERS

Handsome bright even yellow color, large in size, early and heavy cropper, very thick bulbs, slight depression from top to bottom, is a perfect sphere. Our yellow Globe Danvers are selected to a high standard of perfection. When at maturity the tops disappear entirely, leaving the bulbs without neck, clean and solid. Why grow ordinary Onions when you can procure new 1917 crop seed from this wonderful strain of Onions at the following special prices:

Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

SOUTHPORT YELLOW GLOBE

This strain of Globe Onion produces onions with a brownish-yellow skin, fine-grained white flesh. Has been selected to the slim or slender neck which makes it earlier and sure ripening of the bulbs. Tops die early and uniform. The onions average from 2 to 2½ in. in diameter.

Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

SOUTHPORT WHITE GLOBE

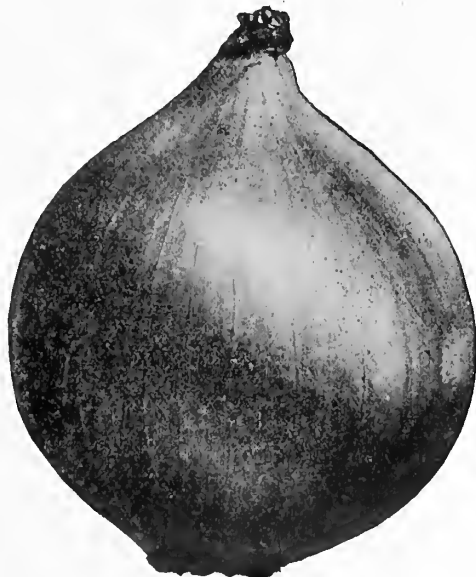
A true globe-shaped, the onions are 2 to 2½ in. in dia., with a thin, delicate skin of purest whiteness, fine-grained, of a wild flavor. We firmly believe there is no better strain than ours.

Pkt. 10 cts., oz. 55 cts., $\frac{1}{4}$ lb. \$1.60, lb. \$5.50.

SOUTHPORT RED GLOBE

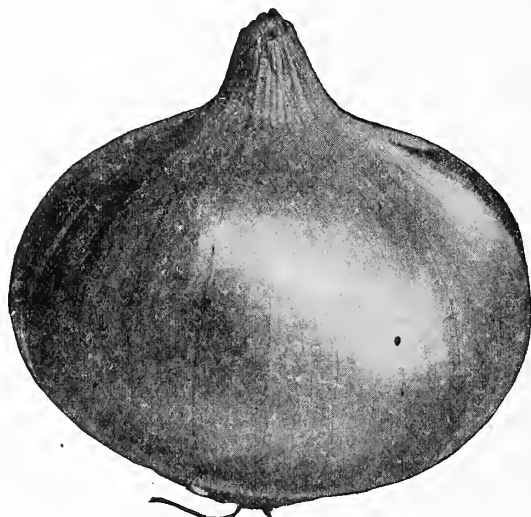
Handsomest of all red Onions, large and most perfect Globe shape, the onions are 2 to 3 in. in dia. Remarkably uniform in size and form, are thin necked, ripening down to a solid ball. Its long keeping qualities make it an excellent shipping onion. A vigorous grower and a heavy cropper, very hardy.

Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.75.



YELLOW GLOBE DANVERS ONION

Robert Garrahan, Pennsylvania.—“Your Yellow Globe Onion Seed was very good.”



RED WETHERSFIELD ONION

Largely planted for producing white sets for early spring and late fall planting.

Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

LARGE RED WETHERSFIELD

The most popular variety for winter markets in northern states. In color the skin is deep rich purplish red, flesh white, lightly tinged with pinkish rose. Onion weighing 1 lb. from seed is not uncommon. Our strain Large Red Wethersfield has a small neck, is entirely free from scallions or thick necks. Well flattened, solid and thick, of remarkably mild flavor for a dark onion.

Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$3.00.

EXTRA EARLY BARLETTA

A small flat, pure white onion, running from 1 to $1\frac{1}{2}$ in. in dia. and should be left to grow quite thickly in the row. These are mainly planted to produce small onion for pickling.

Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

PARSLEY

One ounce to 150 feet of drill
three pounds to an acre

Sow seed in shallow drills in the early spring for border or in rows 12 to 18 in. apart, care being taken that the drills be not more than $\frac{1}{2}$ in. in width, and that the seed be well pressed down after sowing, as the seed germinates very slowly, three to five weeks elapsing sometimes before it makes its appearance. Cultivate frequently.

CHAMPION MOSS CURLED

A choice selected strain, beautifully crimped, dark green, curled leaves.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

PLAIN

Excellent for seasoning. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

DOUBLE CURLED

Compact; very curly and finely cut; bright green.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

HAMBURG TURNIP-ROOTED

Edible roots. Are esteemed for flavoring soups, stews, etc. Grown extensively by market-gardeners near all large cities.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

PARSNIP

One ounce for 200 feet of drill
five to six pounds for an acre

Sow as early in the spring as the weather will permit, in drills 18 in. apart and $\frac{1}{2}$ in. deep, in a rich, deep soil; thin out 3 to 6 in. apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars in the fall for immediate needs.

LONG SMOOTH HOLLOW CROWN

Roots about 15 in. long with a dia. at the top of $2\frac{1}{2}$ to 3 in. Skin white, smooth, very productive, but requiring a deep soil.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

GUERNSEY

Handsome, white, thick root which is shorter than the Long Smooth Hollow Crown. Clean skin, very fine, grooved neck.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

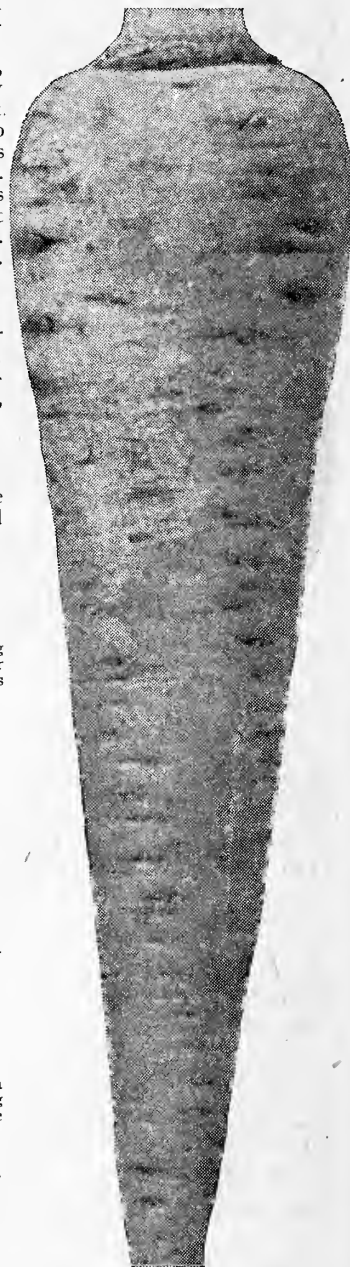
PRIZE-TAKER (*American Grown*)

The handsomest, most productive, most popular and best of all yellow Globe Onions. A bright, clear straw-color, always grows a perfect globe. A very small neck and ripens up hard and fine, flesh is pure white, fine grained, mild, delicate flavor. Of immense size, measuring from 12 to 16 in. in circumference. Sometimes called Yellow Spanish Onion. In market it never fails to attract attention on account of its beauty, and sure to bring a far better price than other onions.

Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

WHITE PORTUGAL, OR SILVERSKIN

Bulbs grow to a good size, ripening early, somewhat flattened shape. Flesh is mild and sweet, the thin skin is silvery white. One of the best for slicing or boiling, also pickling. When seed is sown at the rate of 25 lbs. per acre it makes bulbs of suitable size and most desirable for pickling.

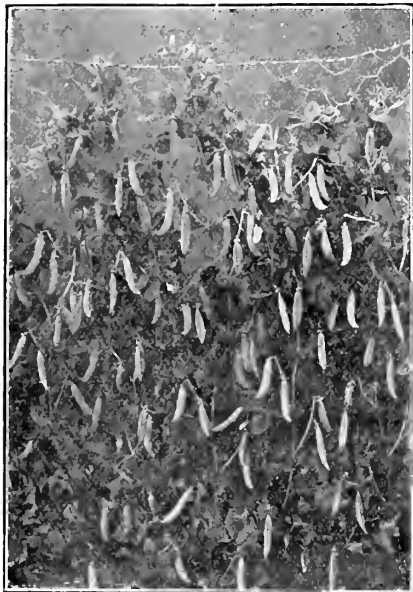


GUERNSEY PARSNIP

GARDEN PEAS

Peas belong in three groups: Garden, field and edible-podded. Garden Peas are smooth or wrinkled. The smooth are earlier and most hardy. The wrinkled are sweetest. Field Peas are of high value in stock-feeding and green manuring. Edible-podded Peas are growing in favor. Sow in earliest spring and make successional plantings every ten days until June 1st. In the latter part of August sow early Peas for an autumn crop. Drill 1 to 2 in. deep, in rows $2\frac{1}{2}$ to 4 ft. apart. In the field, use no sticks. In garden culture sow in double rows 10 in. apart, and use supports for the tall-growing varieties.

"Holco" CULTURE LEAFLETS (free with order when asked for).



"HOLCO" MARKET GARDENER
EXTRA EARLY PEAS

conditions a fairly good cropper. Height of vine 30 inches. Foliage large and pale green. Pods 4 in. long, straight, slightly rounded at point. Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.

THOMAS LAXTON

Closely resembling but harder than Gradus, and a more abundant yielder. Peas wrinkled; height of vine 30 inches. Pods resembling Gradus in shape, except a little more blunt at end. Pods about $3\frac{1}{4}$ in. long, straight, inclined toward roundness, well-filled. Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.

AMERICAN WONDER

Vigorous, productive, with dark foliage, having the peculiarity of producing leaves on one side of the stalk. Very popular with private and market gardeners. Peas wrinkled, height of vine 12 in. Pods $2\frac{1}{2}$ in. long, round, crowded to the end with peas. This crowding often makes the peas appear almost square.

Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$25.00.

NOTT'S EXCELSIOR

Very heavy yielder. Peas wrinkled, height of vine 14 in. Is more uniform, productive and earlier than others, is far more desirable. This pea is used in large quantities and is very popular. Pod $2\frac{3}{4}$ in. long, straight, round.

Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$25.00.

SUTTON'S EXCELSIOR

This is probably the finest dwarf wrinkled Pea in cultivation and especially for private and market gardeners, bearing large, broad pods filled with large peas. Very tender, of most delicious flavor.

In the front rank for earliness, with much larger and handsomer pods than any other variety in this class yet introduced. Height of vine 18 inches.

Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$25.00.

PREMIUM GEM OR IMPROVED LITTLE GEM

Early, prolific, uniform in growth and productiveness, bearing pods single on both sides of the stalk, beginning near the ground. The peas, wrinkled, are of good quality. Pods $2\frac{1}{2}$ in. long, nearly straight, round, well-filled to the end. Height of vine 18 inches.

Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts., 100 lbs. \$22.50.

One pound to 100 feet of drill
100 pounds to the acre

"HOLCO" MARKET GARDENER EXTRA EARLY

This Pea is about four days later in maturing than our Alaska, but it produces 30 to 50 per cent more Peas than any other early variety. Pods are about one-fourth to one-half longer than any of the extra-early types. Seed resembles the extra-early sorts but is somewhat wrinkled. The beauty of this particular Pea is that it comes in all at one time and can almost be cleaned up with one picking. The vine average twenty-four inches high; pods are well filled with peas.

Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$25.00.

ALASKA

The most extensively used Smooth Pea. Popular with early market gardeners owing to its abundance of pods and uniform maturity. Foliage is of a peculiar light green tinge, vines growing 24 inches. Pods $2\frac{1}{2}$ in. long, straight, round, well filled.

Pkt. 10 cts., lb. 45 cts., 2 lbs. 75 cts., 100 lbs. \$22.50.

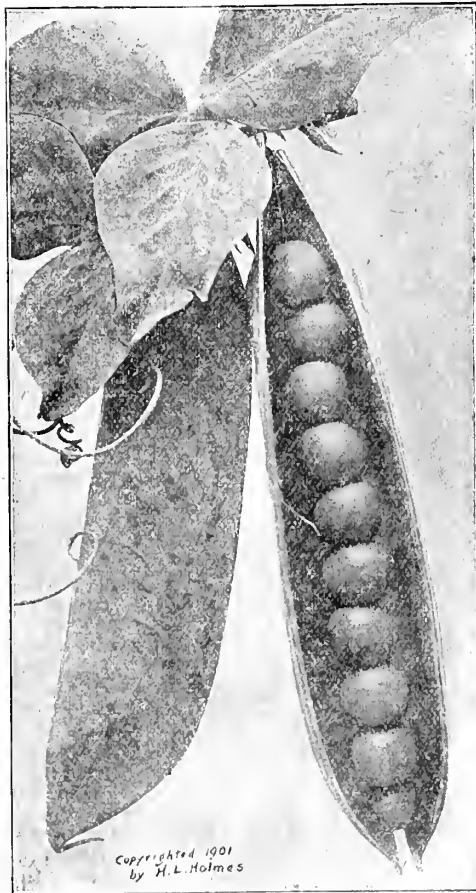
FIRST AND BEST

Early, productive, with a strong, vigorous vine, growing 30 inches, which is light in color and uniform in growth; peas smooth. Pods straight, $2\frac{1}{2}$ in. long, round, light green in color and blunt.

Pkt. 10 cts., lb. 45 cts., 2 lbs. 75 cts., 100 lbs. \$22.50.

GRADUS OR PROSPERITY

Here we have a large, early wrinkled Pea with a pod large as Telephone, tender, good flavor. Very quick to germinate, maturing with the earliest sorts, and with quick, warm, rich soil and favorable



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by H. L. Holmes

GRADUS PEAS

LAXTONIAN

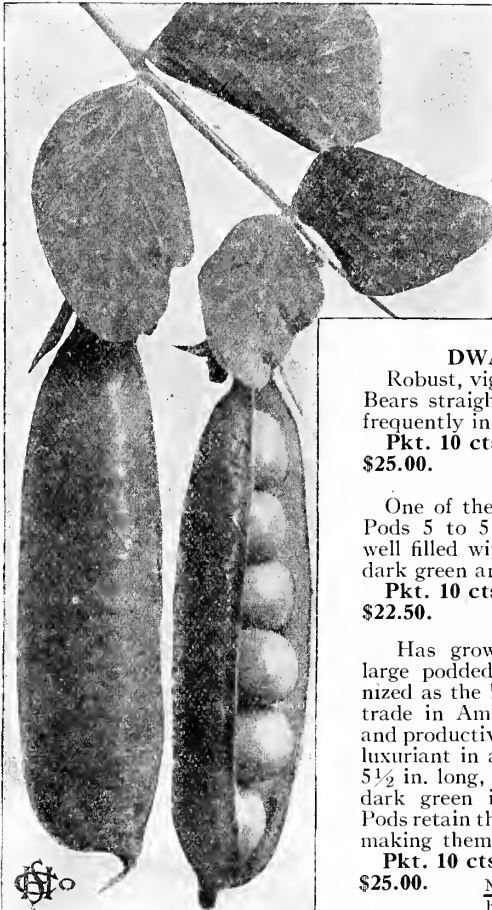
The Best First-Early Dwarf Wrinkled Pea

Bears long, handsome pods fully as large and early as Gradus, while the vines require no staking! Is unequalled for extreme earliness, superb quality, and productiveness. The dwarf vigorous vines average fifteen inches in height and carry enormous crops of large, deep bluish-green pods. The handsome pointed pods, generally borne singly, measure 4 to 4½ in. long and are tightly packed with 8 to 10 extra large, deep bluish-green peas. These peas are not only large in size, but of most luscious flavor. The pods are ready to pick as early as Nott's Excelsior, while double the size; in fact, they average fully as large as Gradus! If sown thinly, say 4 in. between the seeds in the row, the produce will astound even experienced gardeners. Supply of seed is limited, crop very short. **Pkt. 15 cts., 1b. 75 cts., 2 lbs. \$1.25, 100 lbs. \$35.00.**

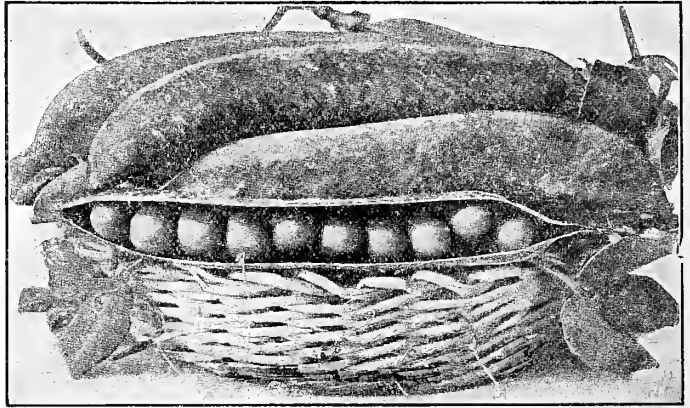
LITTLE MARVEL

A dwarf, first-early wrinkled Pea of unusual value, but recently on the market. The demand among market-gardeners for this variety is already enormous. Height of vine 15 inches. The pods 2½ in. in length, frequently borne in pairs. The pods contain 6 or 7 large, dark-green peas, which remain in good eatable shape a week later than most other varieties.

Pkt. 10 cts., 1b. 50 cts., 2 lbs. 85 cts., 100 lbs. \$25.00.



LITTLE MARVEL PEA



EARLY MORN

This grand English variety maintains its position as one of the best early wrinkled Peas ever raised. Although very early, the seed should not be sown until the soil is in a fit state to receive it. Grows 20 in. in height. The pods are very large and well filled.

Pkt. 10 cts., 1b. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.

CARTER'S DAISY OR DWARF TELEPHONE

Vines heavy, growing 20 in., with green foliage, season medium. Peas wrinkled. Pods 4½ in. long, broad, straight, rounded at the point, pale green in color and well filled, containing 8 and 9 peas. **Pkt. 10 cts., 1b. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.**

EVERBEARING

Vines are closely jointed, growing 30 in., and frequently form many stalks from a single root stalk. Seeds wrinkled. Pods 3 in. long, broad, blunt, of fair size and light green in color.

Pkt. 10 cts., 1b. 50 cts., 2 lbs. 85 cts., 100 lbs. \$25.00.

DWARF CHAMPION or JUNO

Robust, vigorous, uniform in growth, grows 24 in. Bears straight pods, 3 in. long, broad, blunt end, frequently in pairs, well filled. Seed wrinkled.

Pkt. 10 cts., 1b. 45 cts., 2 lbs. 85 cts., 100 lbs. \$25.00.

TELEPHONE

One of the leading large-podded, wrinkled sorts. Pods 5 to 5½ in. long, broad, straight, pointed, well filled with large peas of delicious flavor. Pods dark green and retain their color long after picking.

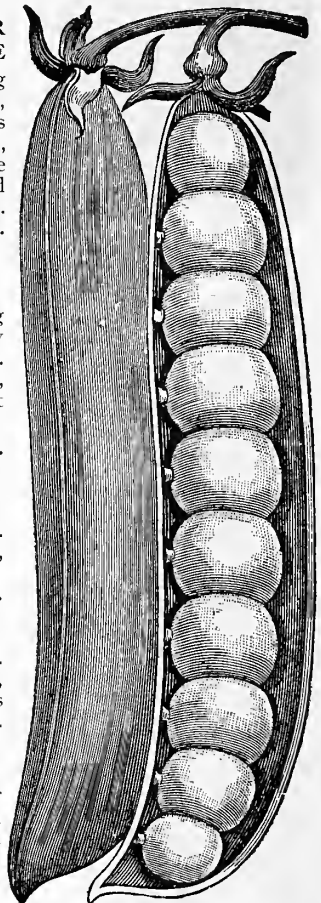
Pkt. 10 cts., 1b. 45 cts., 2 lbs. 80 cts., 100 lbs. \$22.50.

ALDERMAN

Has grown in the front rank of all the list of large podded, long-vined Peas and is today recognized as the best in its class by the most exclusive trade in America. Remarkably healthy, vigorous and productive. Vines medium dark-green and very luxuriant in appearance, growing 3 feet. Pods 5 to 5½ in. long, straight, rounded at the point, very dark green in color, well-filled, delicious flavor. Pods retain their dark-green color long after picking, making them most desirable for market gardeners.

Pkt. 10 cts., 1b. 50 cts., 2 lbs. 85 cts., 100 lbs. \$25.00.

Not less than 10 pounds at the 100 pound rate. One hundred pound prices do not include transportation.



ALDERMAN PEA

BACTERIA

For Inoculating Pea Seed
Mulford Germ, 25 cts.
and 50 cts. per bottle.

It means larger and more Peas.



POTLATCH PEA

slight curve. Measuring from 5 to 6½ in. in length, each pod contains an average of from nine to eleven large peas of delicious flavor. It is a good cropper and continues to bear for a long period. Crop almost failure. **Pkt. 15 cts., lb. 75 cts.**

BRITISH WONDER

Pronounced Sweeter in Flavor Than Either Gradus or Thos. Laxton

The growth is similar to Carter's Daisy, except that the foliage is darker green and pods are not so large nor so sharply pointed. It is, however, much more reliable, as it is a sure cropper! Under ordinary conditions the vines grow from 15 to 18 in. The pods are produced most abundantly and uniformly well filled. The fresh peas are large and dark green; dry seed is green wrinkled. This pea, coming a little earlier than Stratagem or Carter's Daisy. **Pkt. 15 cts., lb. 65 cts., 2 lbs. \$1.25.**

WHITE EYE MARROWFAT

Vines tall, hardy, vigorous. Foliage light green. Seed smooth, light cream yellow. Pods 3 in. long, blunt, of light-green color.

Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts., 100 lbs. \$22.50.

SUGAR OR EDIBLE-PODDED PEAS

MAMMOTH LUSCIOUS

Excels in size productiveness of all edible-podded peas. The vines are most vigorous in growth, attaining a height of six feet, branching freely; when given sufficient support, they are a beautiful sight, covered with violet flowers and thick fleshy pods at different stages of growth. The pods are monster in size, measuring 6 to 7 in. in length, by 1 to 1½ in. in breadth. Being of delicious flavor, pods cooked like string-beans, and served, will make a dish that no one would care to pass up. Crop very short, order early.

Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts., 100 lbs. \$22.50.

MELTING SUGAR

A standard edible-podded sort; vines tall. Pods cooked and used the same as wax beans.

Pkt. 10 cts., lb. 45 cts., 2 lbs. 80 cts., 100 lbs. \$22.50.

DWARF GREY SUGAR

Edible-podded sort and used only in that way. Pods are broad, flat and crooked. Cook pods same as beans.

Pkt. 10 cts., lb. 40 cts., 2 lbs. 70 cts., 100 lbs. \$20.00.

POTLATCH

**EXTREMELY PROLIFIC, SUPERB QUALITY
DARK GREEN PODS**

The magnificent dark green pods, borne in pairs, are 5 to 6 in. long, containing 8 to 10 large peas which are exceptionally rich in flavor. The pods are ready at the same time as Stratagem and they come absolutely true to type. One of our finest peas for garden and table use, excellent for private gardens.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.

CHAMPION OF ENGLAND

Much prized by those who are fond of a large, tender, luscious Pea. Vigorous in growth, foliage medium green. Pods 3 in. long, blunt, medium, dark green in color, broad and nearly straight.

Pkt. 10 cts., lb. 50 cts., 2 lbs. 85 cts., 100 lbs. \$25.00.

IMPROVED STRATAGEM

Vigorous habit, luxuriant foliage, a heavy cropper. Pods 4 in. long, straight, broad, finely shaped and rounded at the point.

Pkt. 10 cts., lb. 60 cts., 2 lbs. \$1.10, 100 lbs. \$30.00.

QUITE CONTENT

This is the largest podded pea in existence. It is ready for picking at the same time as the well-known Alderman, which it closely resembles, but with larger pods. Grown under favorable conditions, attains the height of 5½ to 6 ft.; the foliage is large and heavy, of a luxurious rich green color. The pods are truly gigantic in size! Of a deep-green color; they are produced usually in pairs and grow straight with only a



MAMMOTH LUSCIOUS
SUGAR PEA

Not less than 10 pounds at the 100 pound rate. One hundred pound prices do not include transportation

PEPPER One ounce of seed produces
1,200 plants

Sow the seed in a hotbed or window-box, about March 1st; transplant to the open when all danger from frost is over. Set plants in rows 3 ft. apart, 15 in. in the row.

HOLMES PROLIFIC SWEET PEPPER

Large, mild, early red Pepper. This wonderful Pepper originated with Mr. Geo. Houser of Pennsylvania, a well-known market gardener. The strong, vigorous plants grow 2 ft. high, are completely laden with large, handsome fruits, bear continuously until frost. Plants average from 15 to 20 well-developed Peppers. Flesh is bright red; thick meaty, sweet and very mild. They carry well and keep in condition a long time.

Pkt. 15 cts., 2 pkts. 25 cts., oz. 75 cts.

GIANT CRIMSON

Earliest maturing of the extremely large red, smooth, Sweet Peppers. Plant is vigorous and upright, growing 2½ to 3 ft. high, which is taller than the Chinese Giant and more productive, very large size, ripen earlier than any of the other very large sorts and average heavier, as the flesh is exceptionally thick. Color deep green when fruit is young, deep crimson when matured; flavor very mild.

Pkt. 15 cts., oz. 75 cts., ¼ lb. \$2.00, lb. \$7.00.

PIMENTO See page 10.

RUBY KING

The most popular large red Pepper. Plants grow 2 ft. high and bear a fine crop of handsome, extra-large, scarlet fruits. The flesh is quite thick, sweet, fine for mangoes. Pkt. 10 cts., oz. 60 cts., ¼ lb. \$1.60, lb. \$6.00.

LARGE BELL OR BULL NOSE

An old standard and favorite sort. Early, bright-red in color, mild, of large size, and has thick flesh. Excellent for stuffing. A good bearer, earlier than Ruby King. Pkt. 10 cts., oz. 50 cts., ¼ lb. \$1.40, lb. \$5.00.

GOLDEN DAWN. Similar to the Large Bell or Bull Nose, excepting that it is golden yellow, and very sweet. Pkt. 10 cts., oz. 60 cts., ¼ lb. \$1.60, lb. \$6.00.

LONG RED CAYENNE. Are 3 to 4 in. long; bright red. The flesh is very sharp. Pkt. 10 cts., oz. 50 cts. ¼ lb. \$1.40, lb. \$5.00.



One-third
Natural Size

**HOLMES' PROLIFIC SWEET
PEPPER**

PUMPKIN One-fourth lb. for 75 hills;
3 to 4 lbs. to the acre

Pumpkins will grow almost anywhere, but thrive in rich soil. In many varieties the size and weight depend almost wholly on culture and fertility of the land. Many pumpkins are exceptionally good for pies; other sorts are fit only for feeding live-stock. Plant in hills 8 x 8 ft. Put seed in ground in May or June. Fight bugs with Bug Death, Slug-Shot or air-slaked lime.

MAMMOTH GOLDEN CASHAW

Also known as Crookneck. One of the widely popular varieties. Two ft. long, light colored. Flesh yellow, solid, sweet; excellent for pies. Has little interior cavity, being almost solid flesh.

Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.75.

GREEN-STRIPED CASHAW

An improved strain of the old Cashaw. Beautiful in appearance; a distinct, mottled green, white-striped. Fruit solid; averages 15 to 25 lbs.; flesh yellow, fine grained, sweet and excellent for pies. Sells well on the market. Pkt. 10 cts., oz. 15 cts., ¼ lb. 60 cts., lb. \$2.00.

TENNESSEE SWEET POTATO

Medium sized, pear shaped, slightly ribbed. Color, creamy white, sometimes lightly striped with green. Flesh light colored, fine grained, dry, a superior flavor, and when cooked resembles a sweet potato in taste. A good keeper.

Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.00.

JAPANESE PIE

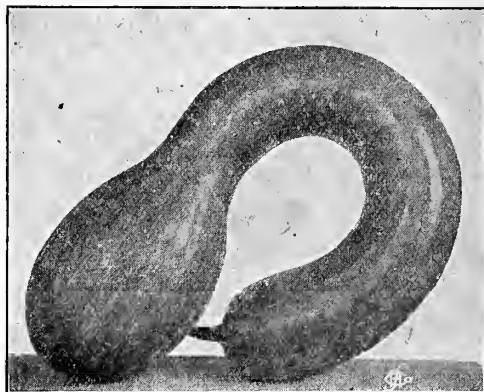
High quality Pumpkin of Japanese origin. Flesh is very thick, a rich salmon color, fine grained, dry and sweet. Seed cavity small. Of medium size, early, very productive and a good keeper. Highly desirable as a pie or cooking pumpkin.

Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.00.

KING OF THE MAMMOTHS

Fruits grow to enormous size, sometimes reaching 2 ft. or more in dia., and from 100 to 200 lbs. in weight. Salmon-orange skin; very thick, bright yellow flesh, which is fine grained, tender, of excellent quality for pies.

Pkt. 10 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.75.



MAMMOTH GOLDEN CASHAW PUMPKIN

SMALL SUGAR

Small size, averaging about 10 in. in dia.; of excellent keeping qualities, flattened or slightly ribbed. Skin deep orange-yellow, flesh very sweet and tender. One of the best for pies.

Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.00.

CONNECTICUT FIELD OR COMMON YELLOW

A large, oval-shaped Pumpkin. Skin reddish orange color, with rich, orange-yellow, tender flesh. Extensively grown for stock-feeding, and generally planted with corn, producing enormous crops.

Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 85 cts.

Potatoes Grown Especially for Seed

GET THE BEST

Northern Grown—Pure Bred Seed—True to Name

Try Them and Be Convinced. Healthy and Vigorous Seed Potatoes Should Be Planted

GOOD SEED POTATOES

One peck will plant about 125 hills; ten to twelve bushels to the acre

We have made seed potato growing a special study and have sold thousands of bushels to our customers. During this time we have studied old and new sorts, as to eating and cooking qualities, productiveness, time of ripening, liability to disease and suitable soil. This experimenting has taught us that the potato that will do well on one kind of soil, may not do well at all in another soil. A potato that may yield large crops on one farm, may not do well at all on the adjoining farm. This is something that can only be learned from experience. Each man must learn from experience what kind of potato is most suitable for his soil and market. We are very particular about selecting and storing our seed potatoes. We expect by fair and honest dealing to gain and retain a part of your valued patronage, and hope that you will be able to profit by our experience to the extent that you procure seed that will produce the best and earliest potatoes on the market, also the best late main crop sorts. Look over our list of Northern Grown Seed Potatoes carefully and let us know what you require for planting this spring. We want to get acquainted with you.

Orders for seed potatoes received during the winter are placed on file in rotation as received and shipment is made by freight or express as early in the spring as they can be sent without danger of freezing while in transit. Orders shipped during the cold winter months to customers are entirely at purchaser's risk.



IMPROVED EARLY OHIO POTATOES

A CHANGE OF SEED

From one soil to another often doubles the yield, and improves the quality of the potatoes. Don't plant that old worn out seed any longer, but get something new and saleable.

REMEMBER

Poor seed is largely responsible for the low yield per acre in the U. S. It will pay you to get the best.

Kirk B. Shoemaker, Youngstown.—"Rural New Yorker potato was a yielder for us. We sold all our potatoes for seed among our neighbors so will want the same good stock to plant this spring. Quote price on ten sacks."

Robt. Lewis, Richland Co.—"I am anxious to write you that the Bliss Triumph potatoes are the finest strain we ever had. Save us enough seed for four acres."

IMPROVED EARLY OHIO

The all-around Early sort. Early Ohio is without doubt the most popular early potato in the country. The variety that always can be relied on for an early market sort, in almost every locality. Our stock is very uniform in size, extremely early, smooth skin and blunt round ends, coming in about 7 to 10 days earlier than Early Rose. Write for current price list.

BLISS TRIUMPH

A popular early potato. Bliss Triumph is a standard extra early. We are all familiar with it as sold at the groceries when the first new potatoes are shipped in. The tubers are nearly round, smooth, medium in size, very desirable shape, reddish pink in color. Our stock CANNOT BE EXCELLED, is very fine, clean and pure, grown in the far North, they have stronger vitality than home grown stock. Write for current price list.

We purchased of you last spring one bushel of your selected Northern grown early Ohio Seed Potatoes, from which we harvested 26 bushel, certainly was fine stock.

Chas. Chader, Mgr, H. H. Timken Farms.

J. G. Exline, Canton, O.—"Your Irish Cobbler Potato gave an excellent yield, I was very much pleased with the stock. They were uniform and came in ahead of another variety that we grew."

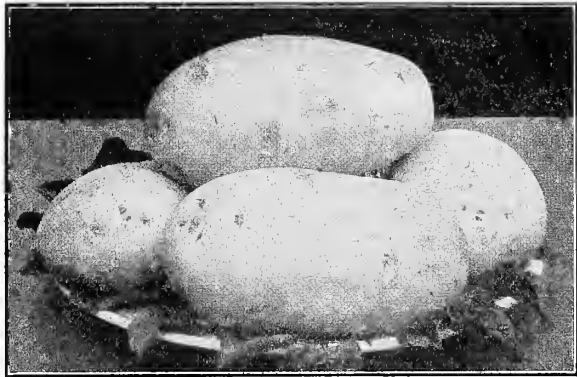
Snyder Bros., Canton.—"Columbia Celery seed purchased of you gave us excellent results. We had the finest celery that was put on the market this fall."

Prices on Potatoes subject to change. Write for current price list

NORTHERN GROWN SEED POTATOES

Are Grown on Natural Potato Soil, Sand and Loam Where
it is quite Rolling and Hilly

Our Seed Potatoes are always sold by weight. By a bushel we always mean 60 pounds, and a sack means 2½ bushels or 150 pounds, net. Seed Potatoes 150 pounds, net, per sack.



IMPROVED GREEN MOUNTAIN POTATO

IRISH COBBLERS

Next to our Early Ohio, the most popular Early potato.

Irish Cobbler has been for some years the most famous early potato in the East. We sold more bushels of them last spring than ever before and more than any other early variety.

Our customers are more than pleased with them and report having harvested large, handsome, white tubers, very early. They cook dry and the flavor is fine. Will keep good until late in spring.

You can make no mistake in buying our Northern Grown Irish Cobbler.

Write for current price list.

EARLY ROSE

A leading variety for earliness, quality and productiveness.

Write for current price list.

RURAL NEW YORKER

The leading late potato has always been relied upon to give a good crop of tubers.

Vines thrifty and strong, tubers oblong, inclined to round or round oval. It is an easy potato to harvest and a fine table variety. Skin pure white. Our northern grown stock can be depended upon.

Write for current price list.

CARMAN No. 3

A handsome yielder; produces potatoes of the most excellent quality.

Write for current price list.

EUREKA EXTRA EARLY

None More Quick to Mature. More Proof Against Drought and Blight. So Free From Second Growth

It has never failed to produce a large crop of extra early potatoes. The plant is dwarf and compact, maturing in advance of the Early Rose. It never has had the blight. The tubers are round, slightly flattened. White skin, free from disease. Flesh, white and mealy; no cores or black specks. Quality unsurpassed. One point alone which makes it valuable is that it has never taken second growth, and resists drought better than any other potato we have ever grown. North, South, East and West, Eureka Extra Early always came off with flying colors. We advise early orders, for, while our stock is large, the demand for Eureka is simply astonishing.

Write for current price list.

IMPROVED GREEN MOUNTAIN

A reliable late potato which is rapidly increasing in popularity—in fact, in some sections it has superseded all other main crop varieties. Does remarkably well on poor soils; very free from disease; resists drought wonderfully well, produces tubers of large size, attractive appearance; flesh white. A good keeper, when put away in the fall will keep well until spring.

Write for current price list.

BURBANK

Late variety. Tubers long, oblong and flattened. Eyes numerous, evenly distributed, skin slightly netted. Vines light green, stems silver green and abundant, flowers white, fairly abundant. Yields well on virgin soils, is planted extensively in the North.

Write for current price list.

SIR WALTER RALEIGH

White-skinned, main-crop potato, resembling Rural New Yorker. One of the best late sorts.

Write for current price list.

SELECTED JERSEY SEED SWEET POTATOES

YELLOW NANSEMOND

Qt. 25 cts., ½ pk. 75 cts., pk. \$1.25, ⅜ bu. basket \$2.00.

RED NANSEMOND

Qt. 25 cts., ½ pk. 75 cts., pk. \$1.25, ⅜ bu. basket \$2.00.

CHOICE JERSEY SWEET POTATO PLANTS

Ready May 1

We make a specialty of extra-fine selected strain of Sweet Potatoes, and furnish plants in any quantity.

Doz. 15 cts., per 100 75 cts. Write for price on larger quantities.

EARLY ORDERS. CROP IS VERY SHORT

We do not hesitate to advise our customers to place their orders early as good seed stock will be sure to be higher at spring time, and those who order early while present stock is unsold will be sure to get choice stock and pure seed.

Prices of Potatoes subject to change. Write for current price list

RADISHES

One ounce of seed will plant 100 feet of row;
Ten to twelve pounds for an acre.

All varieties thrive best in light, sandy loam. For early use, sow in the hotbed, in Feb., giving plenty of ventilation, or outside in the garden, in drills, as soon as the soil is warm and dry, covering the seed about $2\frac{1}{2}$ in. deep. Sow every two weeks from March until Sept., for a succession of crisp Radishes for continued use. Radishes must grow rapidly to be crisp, mild flavored and tender. We offer a very fine assortment.

Our Radish Seed is strictly of the finest grade, being grown from carefully selected and transplanted roots.

Early Round or Turnip Shaped Radishes



ROYAL RED FORCING RADISH
Earliest Red for Forcing or Outdoor

CRIMSON GIANT

Should have been named the "Ever-Ready." Impossible to imagine a market-gardener even attempting to do without this splendid Radish. Within a few days as early as the extra-early varieties, and has the important characteristic of never becoming pithy, no matter how large it is allowed to grow. Grows up to about four times the size and weight of any of the turnip varieties, and the flesh remains remarkably sweet and brittle throughout. It has a splendid color, being deep crimson, which makes it absolutely the most attractive Radish for the dealer. While it has a tendency to vary in shape, we are prepared to give our customers a very fine and uniform strain of this most excellent Radish, good either for forcing or for the open ground. For open-ground culture it has the particular quality of withstanding droughts to a remarkable degree.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

EARLY DEEP SCARLET TURNIP, FORCING OR NON PLUS ULTRA. This variety has a small top and is early in cultivation, making it one of the best for forcing under glass. Roots ready to pull may be had in three weeks and they remain fit for use longer than any other early variety. They are small, globular, smooth, very deep red in color; flesh is white, crisp, tender and mild in flavor. May be planted very closely, owing to their small tops. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

EARLY SCARLET TURNIP. Extra early sort, with smooth, round, richly-colored roots. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

"HOLCO" EARLIEST ROUND WHITE. An extremely early butter Radish, clear white with very small foliage; earlier than other small forcing sorts, splendid to plant under glass during the winter months for market. "Holco" Earliest Round White is very crisp, tender, juicy and mild in flavor. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

FRENCH BREAKFAST. Color bright carmine with clear white in the lower portion. Very tender and mild. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

ROYAL RED FORCING

EARLIEST RED

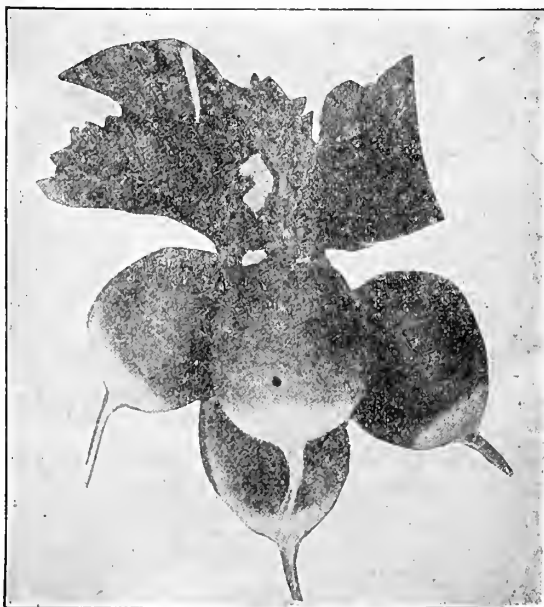
For under glass and outside we have invariably found Royal Red Forcing to reach a marketable size several days earlier than any other variety. The Radishes are perfectly round, three-quarter inch to one inch in diameter. The roots are round or ball shaped rather than turnip shaped. The color is bright deep fiery scarlet with no trace of purple in it. Flesh firm white crisp and mild. Leaves very short and small and only three or four when the radishes are ready for market. Because of its small top, quick maturity and handsome color we consider this the best forcing radish and can recommend it for the open ground.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

VICK'S EARLY SCARLET GLOBE

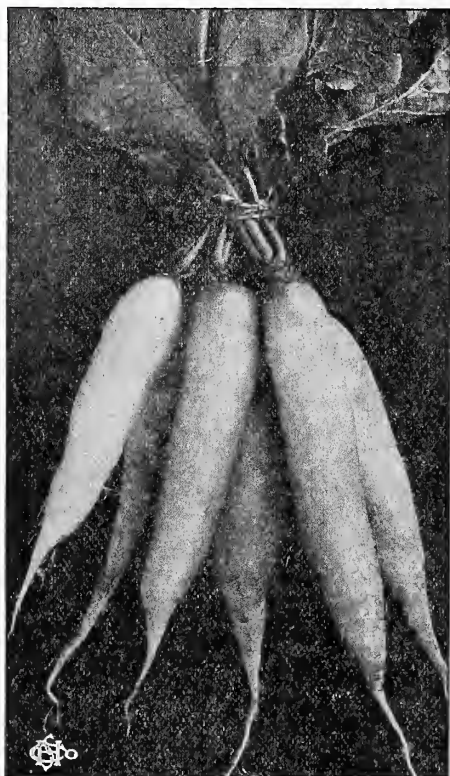
For greenhouse or hotbed forcing and for out-of-doors. Very early, mild, crisp and tender; one of the most attractive, best-selling Radishes. Very handsome, rich, bright scarlet, thoroughly sound, fine quality, a great favorite; it resists heat without becoming pithy, is ready in 25 days. This sort is not desirable for hot summer planting, as it loses its shape—it is an early Radish and as such gives entire satisfaction. Vick's Scarlet Globe Radish should be planted in every garden for market as well as for home use.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.



EARLY SCARLET TURNIP, WHITE TIPPED RADISH

EARLY SCARLET TURNIP, WHITE TIPPED. Round, deep scarlet, shading to a white tip on the bottom; very early; used extensively both as a forcing and out-door sort. We have a very superior strain of this radish. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.



ICICLE RADISH

ICICLE RADISH

FINEST LONG WHITE

Finest and longest of the very early, pure white varieties; ready for use in 20 to 25 days. This Radish is not only crisp and tender when young, but retains these qualities until the roots attain large size, so that it will remain in fine condition longer than any other first-early variety. Is excellently adapted for forcing purposes or successive sowings in the open ground.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

PEARL FORCING

A beautiful pearly white, long variety. It is firm and solid, and remains in shape for some weeks before becoming woody or showing any signs of going to seed. A Radish we can recommend which for all purposes is first-class.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.50.

LONG WHITE VIENNA, OR LADY FINGER

An extremely popular sort for years, one of the very best and finest of the long white Radishes. Graceful in form, flavor is sweet and mild, with brittle flesh. An especial favorite with many market-gardeners. The demand has largely increased for our selected strain.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

WHITE STRASBURG

White Radish of large size, good quality, and ability to resist severe heat. We recommend White Strasburg for summer planting. Will grow solid, with good flavor, when others fail. Popular with market-gardeners.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

CINCINNATI MARKET

This Radish originated in the vicinity of Cincinnati, Ohio, with the "Glass Gardeners" there, and has been constantly used by them. The tops are so small that the Radishes may stand touching each other in the rows. The Cincinnati Market Radish grows perfectly straight and smooth, 6 to 7 in. in length. Skin scarlet, very thin, flesh crisp, brittle, of delightful flavor.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

IMPROVED CHARTER

Excellent sort for the home garden. Brightest scarlet on the upper part and pure white long tips, the handsomest long red Radish on the market, the best seller; 25 days after planting it is usually ready for the table.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

EARLY LONG SCARLET SHORT-TOP

The long, slender, colored roots are most attractive in appearance. They are ready in about 25 days; crisp, brittle, of choicest quality. They reach a length of 5 to 6 in., growing half out of the ground.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

WINTER RADISHES

WHITE CHINESE OR CELESTIAL

Never has a winter Radish won so much favor. The true stock of this variety is stump-rooted, and although a winter radish, can also be grown in late summer, flesh is firm, solid and pure white, keeps all winter in prime condition; is of mild flavor.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

CHINA ROSE

A Radish of large size, blunt at both ends. Skin is a bright scarlet and the flesh is pure white, firm, crisp and pungent. May be sown up to August, thicker than any other winter radishes.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

ROUND BLACK SPANISH

Root rounded or top shaped from 3 to 4 in. in dia.; skin very black; flesh white, of firm texture and very pungent. Keeps a long time.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

LONG BLACK SPANISH

Root cylindrical, from 7 to 10 in. long and 2 to 3 in. in dia.; skin very black, somewhat wrinkled; flesh white, firm, compact; keeps well.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Mrs. W. D. Warstler, Hartville, O.—"Received my seeds and bulbs. Am well pleased with them."

RHUBARB OR PIE PLANT

One ounce of seed produces 500 plants; $3\frac{1}{2}$ lb. to an acre

Requires a deeply cultivated and thoroughly manured soil. Sow the seed early in the spring, in rows 1 ft. apart; the second year after planting plants can be removed in autumn to the permanent place in the garden allotted to them. Plant the roots 2 ft. apart each way, at least 2 ft. deep.

VICTORIA

In general use for market and home garden.
Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

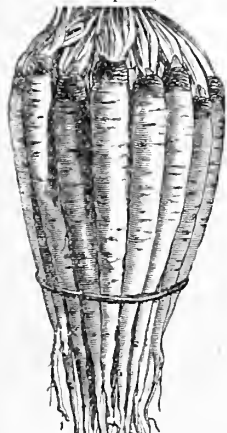
RHUBARB ROOTS

Ready from October to May 15.
10 cts. each, \$1.00 per doz.

SALSIFY OR VEGETABLE OYSTER

One ounce to 75 feet of row; eight to ten pounds to the acre

Treat about the same as carrot, except that Salsify is hardier, may be left in the ground all winter. Sow in drills, 1 to 2 ft. apart, and thin to 4 in. in the row. Cover seed about 1 in. Sow in April or May.



SALSIFY

MAMMOTH SANDWICH ISLAND

Roots much heavier than the old Long White. Is white in color, and a satisfactory sort in every way. Invaluable to market-gardeners.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

SPINACH

One ounce to 100 feet of drill; 8 to 10 pounds to the acre in drills., 15 to 25 pounds broadcast

For early spring use, sow seed in Aug. or Sept., in rich soil. Upon approach of cold weather, cover the plants with 3 in. of straw or salt hay. In the spring, when dry, remove litter, and plants will be ready for use in a short time. Sow seed 1 in. deep, in rows 1 ft. apart or broadcast. For succession, sow every 2 weeks from April to Aug.

BLOOMSDALE

This sort is known also as Norfolk Savoy Leaved. It is a very early variety and one of the best to plant in autumn for early spring use. The plant is of upright growth, with thick, glossy, dark green leaves of medium size, pointed but quite broad, and crumpled or blistered like those of Savoy cabbage. It is hardy and grows rapidly to a suitable size for use, but runs to seed quickly in warm weather. Seed round. This spinach is suitable for the home garden and is much used by southern truckers.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75

IMPROVED THICK LEAVED

One of the best varieties for fall sowing and to winter over for spring crop. Leaves are broad, hug the ground closely, are slightly crumpled, attractive in color. Plant is large and produces a big crop.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

LONG SEASON

Is low growing plant. This Spinach withstands hot weather longer than other kinds. The plant is small, but does not wilt or run to seed as quickly as other sorts. The leaves are thick, tender and fine when cooked. Color a beautiful dark green.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

VICTORIA

A handsome variety of exceedingly dark green, broad thick leaves, and has very long-standing qualities. Unexcelled for spring or fall sowing.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

LONG STANDING

For spring planting. Leaves large, thick, fleshy and crumpled. Pkt. 5 cts., oz. 20 ct., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

PRICKLY WINTER

For late planting or very cool locations, an excellent variety. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

NEW ZEALAND

This variety endures heat and drought; excellent for summer use; the leaves are small and thick. It is an enormous yielder, growing upright. One sowing can be picked from the entire summer. A very distinct variety. Soak seed in water twenty-four hours before planting.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

TOBACCO

Culture—Sow seed as soon as danger of frost is over; use wood ashes on seed bed. Pulverize soil of seed bed thoroughly. When plants are 6 in. high transplant into hills 4 or 5 ft. apart each way, and cultivate frequently. An oz. of seed produces sufficient plants for an acre.

CONNECTICUT SEED LEAF

Grown in all sections of the U. S. and extensively in Connecticut. Broad leaf of medium length. Suitable for cigar fillers. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

IMPROVED WHITE BURLEY

The Western favorite, superior to the old variety of Burley. Makes better color; commands higher prices.

Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.25.

HAVANA

The leaf is very thin and is of fine texture. The variety is much used for cigar wrappers.

Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

SQUASHES

Culture same as for melons. Make the ground very rich. A good sandy loam is best. The squashes are all tender, and the seed should not be planted until warm weather. Allow 4 x 4 ft. for the hills of the Bush Squashes, and 8 x 8 ft. or more for the running varieties. Four plants to the hill; 3 to 4 lbs. of seed to the acre. For summer Squashes estimate 4 oz. to 100 hills; for winter Squashes 8 oz. to 100 hills.

GIANT SUMMER CROOKNECK

One of the best of the summer Squashes. Of dwarf, bushy habit, very productive. Skin is yellow. Flesh has a deep golden yellow color, is dry and of most agreeable flavor. This is, in fact, most highly esteemed of all the summer varieties.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.



GIANT SUMMER CROOKNECK SQUASH

ITALIAN VEGETABLE MARROW

(Cocozella di Napoli)

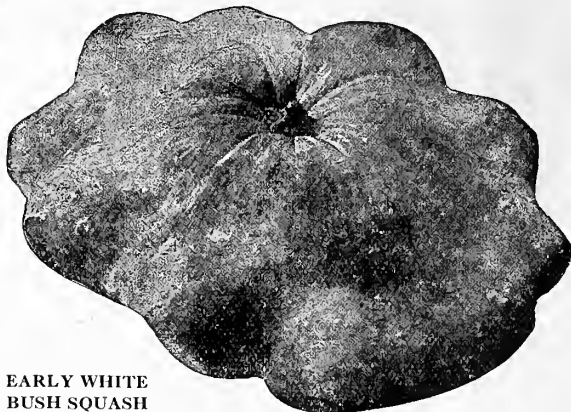
The vines are of bush habit and produce large, much elongated fruits, dark green at first but as they mature becoming marbled with yellow and lighter green in stripes. The fruits are in best condition for the table when six to eight inches long, but can be used when somewhat larger.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

EARLIEST WHITE BUSH

Bush or pattypan Squashes are earlier than any other summer variety. Skin is white, and tender when ready for use. Of dwarf, bushy habit, quite hardy, very productive.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.



EARLY WHITE
BUSH SQUASH

AUTUMN AND WINTER VARIETIES



IMPROVED HUBBARD SQUASH

grained, thick, dry and richly flavored. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

DELICIOUS

The squashes, weighing from 5 to 10 lbs., vary both in color and form but are very delicious in flavor, excellent winter keepers. Flesh is dark orange, very thick and finegrained. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

FORDHOOK

Flesh is very dry and sweet. One of the best of the late summer varieties. The outside color is bright yellow; inside color, straw-yellow. The skin is so thin that it need not be removed for cooking. The meat is thick and can be used at any stage of its growth.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Use Arsenate of Lead or Insecto to keep down the bugs

IMPROVED HUBBARD

The illustration is a very accurate representation of our Improved or Green Hubbard. Our stock of this variety, which has so long been the leading squash for late fall and winter use, is carefully selected in regard to quality of the flesh and color of the shell and we have found it much superior to that sold as Chicago Warty or Warty Hubbard. Fruits are large and heavy, are moderately warty and have a very hard shell. Skin is uniformly dark bronze green. Flesh is bright orange-yellow, fine

RED OR GOLDEN HUBBARD

Has the shape and virtues of the Hubbard, but earlier and more productive. Color of the skin deep yellow or orange-red. Flesh richer in color than Hubbard, of equal quality. Fine grained and sweet. Cooks dry, a splendid keeper. Desirable market sort.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

DELICATA

A small-fruited variety suitable for both summer and winter use; oblong, slightly ribbed, with orange-yellow skin striped with green.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

TOMATOES

One ounce of seed will produce 3,500 plants, enough for an acre

Sow the seed in February or March in a hotbed, greenhouse or in shallow boxes in the house, in rows 4 to 6 in. apart, $\frac{1}{2}$ in. deep. When the plants are about 2 in. high, transplant to 3 in. pots or into shallow boxes 4 in. apart each way. Transplant in the open ground after all danger of frost is past, 3 to 4 ft. apart each way. Cultivate frequently.



HOLMES' EVERBEARING TOMATOES

HOLMES' EVERBEARING TOMATO

The Earliest, Largest, Most Prolific and Meatiest Red Tomato Grown

Wonderfully prolific new Tomato. Illustration is from a photograph of one stem bearing 17 fine, large fruits, and weighing $7\frac{3}{4}$ lbs. Clusters average 15 fine, large red or scarlet Tomatoes, and the beauty of it is that they all run about the same size, absolutely free from the acidic taste so common in most varieties. Seed-cavities are exceedingly small, we believe it to be the meatiest Tomato grown. This Tomato combines all the good qualities of each parent—earliness of the Earliana, size from Ponderosa. When cut by the frost there is still plenty of green fruit on them. Originator's own stock.

Pkt. 20 cts., 2 pkts. 35 cts., $\frac{1}{4}$ oz. \$1.00, oz. \$3.50.

Benj. Manning, Ridgewood, N. J.—“The Holmes Everbearing Tomato is the BEST I ever saw.”

JOHN BAER

An extra early scarlet fruited variety of superior merit. Vines are very hardy and exceptionally productive. Fruits are the largest of the extra early sorts and are also most attractive in color. They are nearly round, smooth, firm and of excellent quality. It is one of the very earliest to ripen its first fruits and it continues to furnish marketable fruits much longer than other very early varieties. An invaluable sort for market-gardeners' use. Our seed is grown from originator's stock.

Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

BONNY BEST

Scarlet-red. Of about the same season as Chalk's Jewel, but fruits average somewhat smaller. They are always smooth, of remarkable uniform size and shape. An elegant sort for market and shipping on account of its even size. Well adapted for forcing under glass.

Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

SPARKS' EARLIANA

Deep red Tomato. Vines short, close jointed branches. All extra-early Tomato, best so far produced. Very productive. Fruit fair size and firm. In test it ripened fruit in 108 days from date of sowing seed.

Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

CHALK'S EARLY JEWEL

Second or medium early sort. Later than Earliana. Vines vigorous, productive. Fruit solid, without hard core. Color bright scarlet. A sort having great merit.

Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

EARLY DETROIT

Vines vigorous, productive; fruit round or nearly globe shaped, firm, purplish-pink in color. Ripens with Chalk's Early Jewel, a splendid second early variety.

Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

ACME

Pink purple. Vine hardy and productive. Fruit in clusters of 4 or 5, round, smooth and of good size; flesh solid, excellent flavor, no better variety for market gardeners who want an early purple fruited sort.

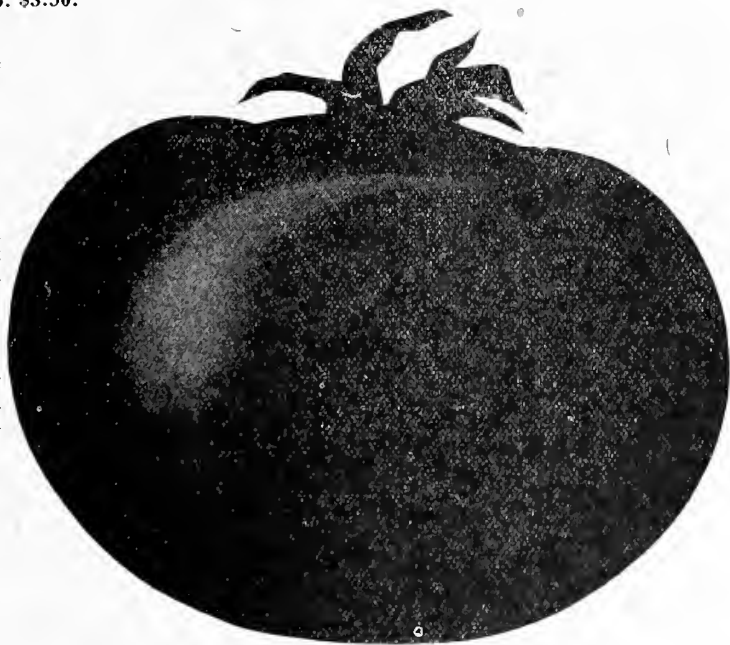
Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

JUNE PINK

Bright pink. An extra early variety. Fruits run uniform in shape and size, almost round, borne in clusters, fresh, solid and fine.

Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

When ordering, ask for our Leaflet on Tomato Culture



BONNY BEST TOMATO

TOMATOES—Continued.

LIVINGSTON'S GLOBE

Second-early Tomato, and is becoming one of the main varieties grown by the leading Tomato-growers because it has never shown any tendency to blight. In shape it is a beautiful globe, which permits a greater number of slices to be made. Always smooth, firm-fleshed and has very few seeds; ripens evenly. Color a fine glossy pink, tinged with purple. Bears fruit in clusters of from 3 to 7; the plants are literally loaded with beautiful Tomatoes. Of special value to all shippers. *Valuable variety for forcing under glass.

Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

PONDEROSA

A purplish pink. Introduced many years ago, in all that time no Tomato has ever surpassed the genuine Ponderosa in size or delicious meaty flavor. Largest, heaviest Tomato grown. Color is a purplish pink; shape quite regular considering its size. Fruit ripens early, bears well until very late. Good Tomato for home use. We offer the genuine headquarters stock.

Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

YELLOW PONDEROSA

Equals the Ponderosa in size but bears rich golden yellow fruits. Golden Ponderosa possesses all qualities that made Red Ponderosa most talked of Tomato throughout the land. Originated as a sport from the Red Ponderosa, comes remarkably true.

Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25.



MATCHLESS TOMATOES

STONE

Many gardeners and canners will have no other. A large variety, larger than several of the standard kinds cultivated. An immense cropper. Flesh solid, well colored and flavored. Ripens between the early and late varieties, grows vigorously, and no variety holds its size better late in the season. Color of skin glossy, deep red.

Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

BEAUTY

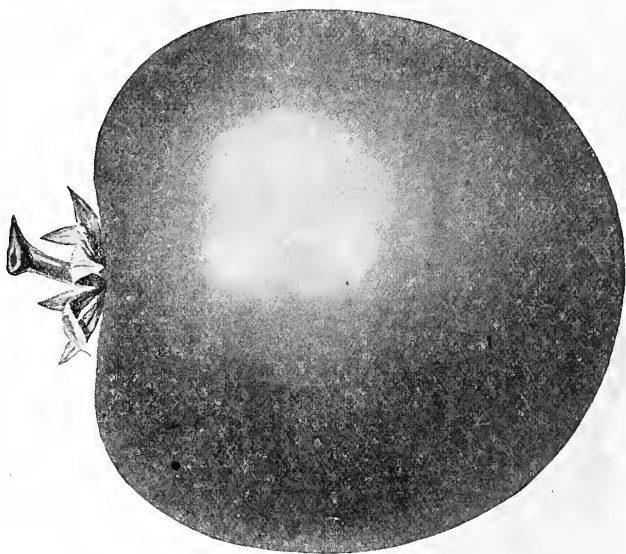
Vines large, vigorous, heavy bearers; fruit large, uniform in size, very smooth, excellent flavor, color purplish-pink. The best purple sort.

Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

RED ROCK

Ripens with Stone. Fruit scarlet, round, large, smooth, coloring evenly to stem. Flesh firm, fine flavor. Good producer and shipper. A variety of great merit.

Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.



LIVINGSTON'S GLOBE TOMATO

DWARF CHAMPION OR TREE TOMATO

Has a stiff, vigorous, upright growth; the fruit is always round, smooth, symmetrical; color purplish pink; size medium. A good shipper. Plants may be set 3 ft. apart in rows 4 ft. apart. One of the earliest, most profitable Tomatoes grown. The dark green, wrinkled leaves bespeak a strong type. One of the best of the so-called Tree Tomatoes. A valuable home or market sort.

Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

MATCHLESS

Bright red. Skin is so tough that it is a splendid keeper and shipper, is less liable to crack in wet weather than any other large Tomato. Fruit is free from core, seed-spaces are small. Leaves are of a rich dark green, very luxuriant, indicating great vigor, giving the plant ability to produce fruit of the largest size throughout the entire season. We can highly recommend it to all our friends, especially to those who are running market-gardens.

Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

COLOSSAL

Has all the qualities that made the Ponderosa famous. Is just a scarlet Ponderosa, has the same size, solidity of flesh, a rich flavor. It bears enormous crops, a mass of fruits which grow in great clusters, bears right up to frost.

Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

GOLDEN QUEEN

Bright yellow. Best large yellow Tomato; always smooth, ripens early; quality excellent in all respects, either for slicing or preserving. Queen of all the yellows.

Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50

PEAR-SHAPED RED

Bright red. Fruit small, pear-shaped, about size of a plum. Ripens early. Used for pickling and preserving.

Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00.

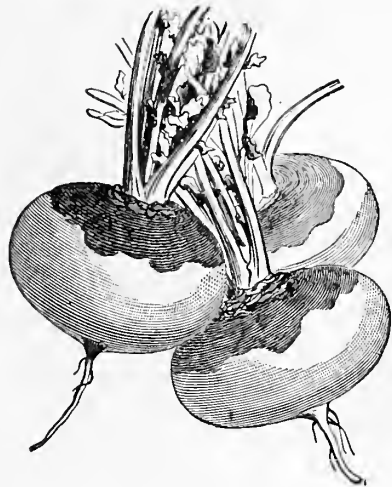
PEAR-SHAPED YELLOW

Bright yellow. A small early Tomato, similar to Pear-shaped Red, except in color. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00.

TURNIPS

One ounce to 250 feet of row; one and a half pounds to the acre in drills, or two and a half pounds broadcast

Sow early varieties in April, in drills 12 to 18 in. apart. Cover seed $\frac{1}{2}$ in. and thin out to 4 to 6 in. in the row. Cultivate frequently. For succession, sow at intervals until the last week in May. For fall and winter crop, sow in July or August, in drills or broadcast.



PURPLE-TOP STRAP-LEAF TURNIP

PURPLE-TOP STRAP LEAF

One of the best table and stock Turnips on the market, being fine grained, never stringy and of mild flavor. Is white below, with a bright purple top; flesh white, leaves short, narrow and erect. Will mature in 8 or 9 weeks. Good cropper and an excellent keeper.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50 cts.

PURPLE-TOP WHITE GLOBE

A large rapid-growing sort, with globe-shaped roots. Flesh pure white, and the best flavored; the skin is white, with a purple top. On account of its shape it will outyield any other sort. A strictly first-class strain.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

WHITE GLOBE

This great Turnip in rich ground will attain a weight of 12 pounds. Shape of root the same as Red or Purple-Top White Globe. Skin and flesh pure white; smooth, quick to mature.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

COW HORN

A long white Turnip. Grows to a large size, standing half out of the ground. Is fine-flavored, desirable. Cow Horn Turnip sown in connection with rape is one of the newly recommended things for green manuring purposes.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

EXTRA EARLY WHITE MILAN

This variety is remarkably early. The tops are very small, strap leaved, upright and compact, so that rows can be planted close together. The roots are clear white, very smooth, flat and are of best quality when only about 2 in. in diameter. The flesh is clear white, mild, sweet and tender. Very desirable for early use, especially for forcing.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50

EXTRA EARLY PURPLE-TOP MILAN

Similar to Extra Early White Milan, except that the roots are a little flatter and an attractive purple-red on the upper portion. Well adapted for forcing. All in all, Milan Turnips leave nothing more to be desired in the way of an extra early garden turnip.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

WHITE EGG

An early, oval or egg-shaped variety with smooth, clear white roots of medium size which grow half out of the ground. The tops are small with leaves distinctly cut. The flesh is clear white, firm, fine grained and sweet. The roots of this quick growing garden sort when in best condition for use are usually about 2 in. in diameter and about $3\frac{1}{2}$ in. long.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

LARGE AMBER GLOBE

One of the best yellow-fleshed varieties, grown usually for stock feeding. The roots are of large size and of globular shape. The skin is clear yellow except the top which is tinged with green. The flesh is light yellow, fine grained and sweet. The variety keeps well and is a good cropper.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

RUTABAGAS or SWEDE TURNIPS

One ounce to 250 ft. of drill; $1\frac{1}{2}$ lbs. to the acre in drills, or $2\frac{1}{2}$ lbs. broadcast

Does best on new land, or light, sandy soil. Sow the seed from the latter part of June until August in drills 15 to 24 in. apart. Cover seed $\frac{1}{2}$ in., and thin out to 6 to 8 in. in the rows. Cultivate frequently. Can be sown broadcast.

AMERICAN PURPLE TOP YELLOW

The finest, most profitable of all the Swede Turnips, being the hardest, heaviest, best shaped and most productive. The roots are better keepers than other sorts. The flesh is of a beautiful yellow; of the choicest quality, full of nourishment. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

HERBS

Every kitchen garden should have a few Herbs. They are usually grown and are always pleasant and desirable for flavoring, perfuming and medicinal purposes. Sow in early spring, at the time when the trees begin to leaf, in ordinarily good and well-drained garden soil, in rows 12 to 24 in. apart. Cover seed lightly. Thin or transplant to stand 6 to 12 in. apart in the rows. Cultivate frequently. Herbs marked * are annual; marked † are perennial; marked ‡ are biennial.

	Pkt.	Oz.		Pkt.	Oz.
*Anise.....	\$0.05	\$0.15	†Lavender.....	\$0.05	\$0.25
†Caraway.....	.05	.15	*Marjoram, Sweet.....	.05	.25
*Coriander.....	.05	.15	†Sage.....	.05	.25
†Dill.....	.05	.25	*Summer Savory.....	.05	.25
†Fennel, Sweet.....	.05	.15	†Thyme.....	.10	.40
†Horehound.....	.05	.25	†Winter Savory.....	.05	.50

FIELD CORN

15 to 20 pounds to the acre if planted in hills

Northern grown Tested Seed Corn carefully selected in the field, consideration being given to the plant as well as to the ears, trueness to type, uniform maturity, and other essential facts

IT PAYS TO PLANT TESTED SEED

Statistics show that the average yield of Corn in the United States is only 26 bushels to the acre. That this low average is not caused by poor crops raised in northern districts unsuited to Corn-growing is proved by the fact that the New England states, with their short growing season, yield as great an average crop as any other part of the country. While weather conditions often unfavorably affect the Corn crop, the real responsibility for such a low general average production lies, in the practice of planting unselected, inferior seed.

By planting tested sorts any farmer may double his yield, or, in other words raise the same quantity on an acre as he previously raised on two acres, with a consequent reduction by one-half of the labor of plowing, harrowing, planting, cultivating and harvesting. Pedigree varieties of seed Corn are carefully selected in the field in order to preserve the types, and are carefully dried and stored during the winter in order to preserve their vitality.

GOLDEN GLOW CORN

The GOLDEN GLOW is a PURE BRED CORN, the result of scientific corn breeding; a cross between two early high yielding strains. This variety has been one of the most popular strains of corn grown in the northwestern states, where an early maturing variety must be planted. It is a high yielder as well as an early ripener. At the Penn. Experiment Station, GOLDEN GLOW was one of the high yielding varieties which fully matured when carefully tested. Under average northern conditions this corn will mature in 90 days. When season is very favorable will easily ripen in 85 days. Stalks 8-10 ft. high, bearing good sized ears, 7-9 inches long, averaging 16-18 rows of kernels. As a hardy, vigorous variety, GOLDEN GLOW has no equal.

Sample ear 35 cts., postpaid.

Write for our current price list on Seed Corn.

SILVER KING CORN

An early white variety of corn that has been under constant selection by corn breeders for over 45 years. On good soil this variety of corn will produce a higher percentage of good marketable ears than most any other variety. This variety is especially recommended for silage on account of its leafy stock and is grown in Southern Canada and northern states for this purpose, largely. The Penn. Experiment Station found it one of the few heavy yielding varieties tested. Grows from 9-12 feet depending on soil and moisture conditions; handsome big ears 8-9 inches long with 18-20 rows of medium sized kernels. For those who desire a white variety which will mature under Northern Ohio conditions, will find this variety especially suited to their needs.

Sample ear 35 cts., postpaid.

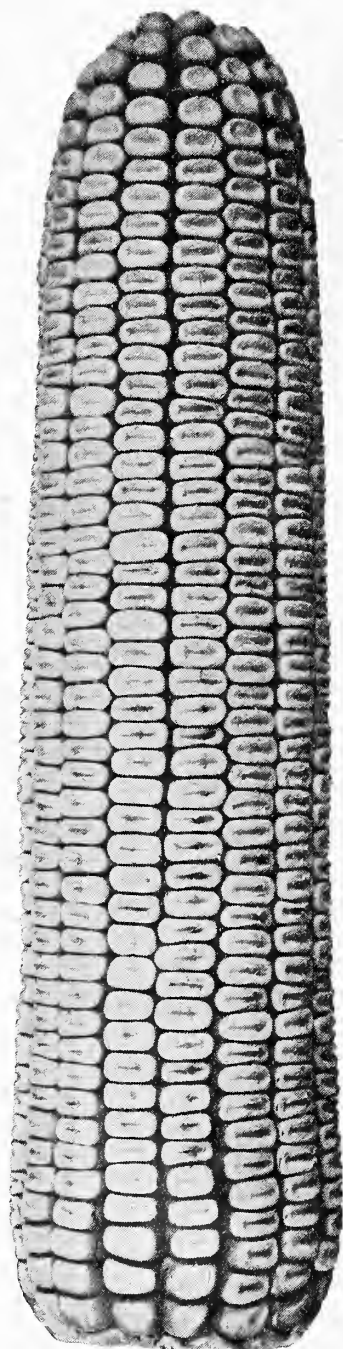
Write for our current price list on Seed Corn.

EARLY GOLDEN SURPRISE

90-day Yellow Dent Corn. Large, handsome ears. A heavy yielder. Entirely distinct. Stalks short and strong. DEEP-GRAINED. SMALL COB. A great feeding Corn. Beautiful in its rich golden color, even size from butt to tip of the ear. Profitable in its depth of grain and small percentage of waste in cob. Convenient in its short fodder growth and easy break of ear from the stalk. Certain in its early maturity, one of the best early Corns up to date.

Sample ear 25 cts., postpaid.

WRITE FOR OUR CURRENT PRICE LIST ON SEED CORN



"GOLDEN GLOW" Pure Bred Corn

HOLCO CASH CORN



"HOLCO" CASH early to mature and a yielder of finest ears. "HOLCO" Cash CORN, deep grained, yellow, the smallest cob of any variety known. The ears are large, well filled at the butt and tip ends, with beautifully formed deep grains. This corn is, without doubt the best feeding corn in existence. Matures in about 80 to 100 days. It certainly is an ideal corn. Everyone will buy it for seed that sees it. It is with a great deal of pride and satisfaction that we offer this new corn to our customers. Our grower has grown it on his own farm for about 10 years, by careful selection he has it as near perfect as any corn we have ever tried. In fact, everyone that sees it, at once recognizes it as the ideal corn. 62 lbs. of shelled corn per bushel. 70 lbs. of ears, only 8 lbs. of cob; it is all corn. Your money back if the seed is not satisfactory. Why not give it a trial?

Sample ear 25 cts. postpaid; quart 50 cts. postpaid. Write for prices on larger quantities.

E. R. Mathie, New Berlin, O.—"The 'Holco' Cash Corn is an 'Ideal' corn. I like it very much. It is a corn worth planting. Will have nice seed this year."

DROUGHTPROOF

Resists drought and scorching heat better than any other variety. Droughtproof originated in Erie Co., Ohio. A large grain Yellow Dent Corn. Brightest color of grain. Fully as early as Leaming. Yield not excelled by any other sort. Strong growth of stalk and handsome ear. An unusual yield of shelled Corn insured by great depth of grain. Its beautiful color, long grains, large ears—taking all points combined, it is the finest yellow Corn ever introduced and each customer who gives it a trial will be fully convinced that it is the best 90- to 100-day Corn ever planted. Droughtproof Corn is excellent, and should be tried by all farmers. It will yield big crops wherever corn can be grown. We advise all our friends to try it.

Sample ear 25 cts., postpaid. Write for prices on larger quantities.

CLARAGE

Originated in Ohio, some years ago, has been improved by selecting larger and longer ears. It is a heavy yielder and will ripen in the most unfavorable seasons. It is adapted to either clay or black ground. It makes solid showy corn and will mature in 110 days or less. Ear medium size, deep grain and producing a medium tall fodder. The cob is small. Many men who have tried it, claim that they can depend on it to get a crop.

Price, sample ear 25 cts, postpaid. Write for prices on larger quantities.

PRIDE OF THE NORTH

85-day Yellow. We believe Pride of the North will mature farther north than any other Dent Corn. Strong, hardy, vigorous grower; can be planted thickly and still make good-sized ears. Is excellent for ensilage or fodder. For husking crop it ripens early, dries out quickly and is an all-round, very satisfactory kind. It has a bright red cob, ears medium size, with deep kernels. Many of the stalks have two good ears. Especially adapted for the northern planter, and will make good crops where Dent Corn is planted in Michigan and New York.

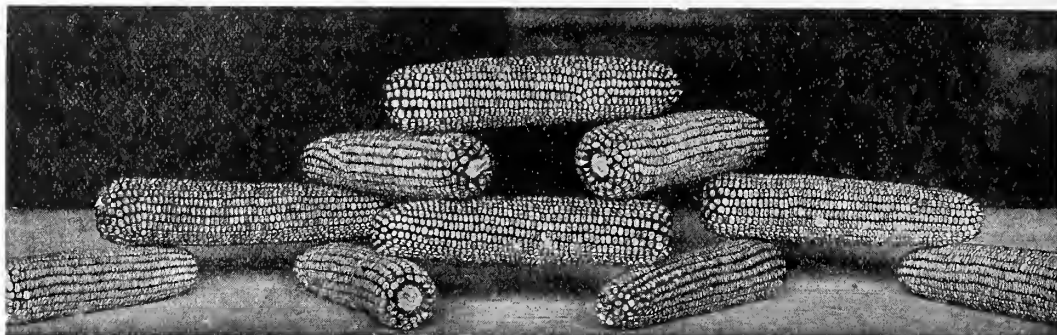
Sample ear 25 cts., postpaid. Write for prices.

WHITE CAP YELLOW DENT

As its name indicates, produces ears of corn that have a white appearance on the outside but the sides of the grains are yellow, and when shelled the grain is yellow. The White Cap here offered makes long ears. This is a marked characteristic of the variety. It does not need an extremely rich soil. It will even do comparatively well on soils counted as not fertile. The ears are not so thick, running from 14 to 20 rows of grains. The grains are of average depth—square rather than pointed in shape. Matures in 100 days.

Sample ear 25 cts., postpaid. Write for prices on larger quantities.

Due to present conditions, all prices subject to change. Write for our current price list



"HOLCO" SURE CROP CORN

We are glad to be able to offer this grand early yellow dent corn to our customers. "Holco" Sure Crop is an ideal early yellow dent corn, and we do not hesitate to say that it will be one of our leading corns. We feel sure it will be as popular with all corn growers as our Golden Surprise. Matures under favorable weather conditions in 90 to 100 days. Has a strong root growth, which holds it up well during wind storms. The stalks grow to a height of 9 to 10 ft. Ears average 9 to 10½ in. Cob very thin, often producing two large ears to a stalk; the grains, which are long and wide, are of a bright, golden yellow. Is a splendid yielder on light soils, while on rich, fertile soils it is a wonderful cropper. "Holco" Sure Crop will grow and produce its crop in any corn growing State in the Union.

Sample ear 25 cts., postpaid. Write for current price list.

REID'S YELLOW DENT

The most popular Yellow Dent Corn in the Great Central Corn Belt. Does equally as well in Ohio as it does in Illinois. For a number of years past Reid's Yellow Dent has been one of the most popular varieties of the Middle West. It is a true Dent Corn, color a beautiful golden yellow, with one of the smallest cobs for size of ear of any yellow Corn. Ears are frequently 10 to 11 in. long, 7 to 8 in. in circumference. Is easily shelled, matures its crop under favorable conditions in about 110 days. It undoubtedly has taken more prizes at the Illinois State Fair and other great Corn shows in various parts of the country than any other variety.

Sample ear 25 cts. postpaid.

Write for current price list.

GOLDEN STANDARD LEAMING

The Leaming Corn was first originated in Ohio in 1826, by J. S. Leaming. For cattle, hogs and sheep there is none better. Rich in both protein and oil, it becomes the ideal from a feeder's standpoint. The cob is more readily crushed and masticated by cattle than most varieties. For the dairy districts, for ensilage purposes, Golden Standard Leaming is unsurpassed. Possessed of an abundance of foliage, with broad, fine-quality leaves and heavy stalk, 12 to 15 tons of ensilage to the acre is an average yield. While this Corn is recognized by all as the great ensilage and feeding Corn, it is also a big yielder under modern methods of selection and breeding. The ears are of a fine quality and the stalks and broad foliage are very succulent. It is of a rich yellow color and requires 110 to 115 days to fully mature.

Sample ear 25 cts. postpaid. Write for current price list.

LONGFELLOW

A large, eight-rowed yellow Flint variety, well adapted for the northern states. The ears are long, some of them measuring 15 in., and oftentimes two or more good specimens grow on one stalk. Grain long, broad and yellow. The cob is quite small. Write for current price list.

TESTED ENSILAGE CORN

RED COB ENSILAGE

A large, tall growing variety, popular for ensilage, is used considerable in certain sections of the country, not as leafy or early as "HOLCO" BLUE RIDGE. Our stock of seed was well matured, dried and protected.

Write for prices.

Mrs. G. W. Kiss, Alliance, O.—"Am well pleased with the results of your seeds."

SWEET FODDER CORN

Best for cutting and feeding green during the summer months. This is better than any field Corn, from the fact that it is so very sweet and nutritious that cattle will eat every part of the stalk and leaves with relish. Drill thickly, in rows 3 ft. apart, using 1½ bu. of seed to the acre.

Write for current price list.

BUY LABELED FIELD-CROP SEED

Buy Labeled Seed is a suggestion of the U. S. Department of Agriculture.

We will label all seeds in ten pound lots or over giving the Purity and Germination on all Field-Crop Seed.

Seed so labeled may always be seeded at the proper rate to give a good stand under normal conditions.

Due to present conditions, all prices subject to change. Write for current price list.

Holco Famous Tested Southern Ensilage Corn

OLD VIRGINIA ENSILAGE CORN

Is one of the most popular and satisfactory of all ensilage corn. Grows to a large size, is very leafy and well adapted for ensilage. There is no corn more difficult to cure or keep properly, and much of it is kiln-dried, while large quantities have been stored in elevators and gone through a sweating process which has destroyed the germs. Our stock is carefully selected and dried. We can assure you high germination. Write for prices.

EUREKA ENSILAGE CORN

Grows very tall, leafy, short-grained, but one of the most productive, both in growth of fodder and grain, many of the standard varieties. Originated in Virginia and our stock is grown by the originator. We can assure you corn of strong germination.

Write for current price list.

HOLCO BLUE RIDGE ENSILAGE CORN

Earliest—Grows Tallest—Has the Most Leaves—Greatest Number of Ears



FIELD OF BLUE RIDGE ENSILAGE CORN GROWN IN PENNSYLVANIA

"HOLCO" BLUE RIDGE ENSILAGE CORN was originated at a high altitude in the Blue Ridge Mountains of Virginia. It is the result of careful selection for many years. This selection was made with the view of getting more foliage and the earliest, largest yielding ensilage corn in cultivation. It has been grown entirely away from all other varieties. On account of its being grown at a high altitude in the mountains, it is earlier than any other southern grown ensilage. **"HOLCO" BLUE RIDGE ENSILAGE** grows tall, attaining a height of fourteen to sixteen feet, is the most prolific in its nature, having from two to four ears to the stalk, makes the heaviest and thickest growth of fodder of any southern ensilage, and is altogether in our opinion and those who grew it the past three years, the best and most productive of all ensilage corn. **"HOLCO" BLUE RIDGE ENSILAGE** is grown especially for us by a specialist and selected in the fields and properly taken care of. Our seed is shelled and graded and will show a germination test of 94 per cent or better. Write for current price list.

ADD SOY BEANS TO YOUR SILAGE. Under Seed Corn we take space to urge our friends who have Silos to grow Soy Beans for Silage as well as Corn. One part Soy Bean growth to four parts Corn will make of your Silage a perfect ration. The Soy Bean plant will supply the protein that the Corn lacks. You can grow the Soy Beans right in the same row as the Silage Corn. Or plant the Soys separately.

FIELD PUMPKINS

We place these among our field seeds, as they are excellent for feeding stock, and should be grown in every corn field. Hundreds of loads of pumpkins can be grown without any extra expense.

CONNECTICUT FIELD. This is widely known as the Yankce Cow Pumpkin, and there is no variety that will do as well among the corn. **Lb. 85 cts., postpaid. Not prepaid: 1b. 65 cts., 10 lbs. \$6.00.**

KENTUCKY FIELD, OR SWEET PUMPKIN. These are the thick meated sweet kind that are used for pies. They are extra good for stock also. **Lb. 85 cts., postpaid. Not prepaid: 1b. 65 cts., 10 lbs. \$6.00.**

MIXED PUMPKIN SEED. We offer a mixture of Pumpkin seed, consisting of large Mammoth and field sorts, and also the choicest pie pumpkins. **Lb. 85 cts., postpaid.**

FLAX SEED

In procuring Flax Seed attention should be paid that it be healthy and perfectly clean, as this is such an important item. We offer good, clean and healthy seed of this variety at a very reasonable price. Cleaning Flax so as to make it suitable for seed is an expensive operation, requiring special machinery, and often involves considerable waste.

Write for prices.

Due to present conditions, all prices subject to change. Write for current price list

ALFALFA or LUCERNE The Greatest Forage Plant in the World

"There is no state in the Union in which Alfalfa cannot be successfully grown."—U. S.

Department of Agriculture

Alfalfa is a true leguminous plant, and a perennial, staying on the land for many years. It sends down its long, tap roots into the subsoil, whatever depth that may be—5, 10 and 20 ft., and utilizes the plant foods contained therein.

Montana Dry Land is the BEST ALFALFA SEED IN THE WORLD. Montana alfalfa is the hardest in the world, being successfully grown in coldest and driest parts of the United States, in Canada, Alaska and Russia. Montana Dry Land seed is of high germinating power and brings a premium in all markets. It is hardy because the fields are annually subjected to extremes of heat, cold and drought. For these reasons Montana Dry Land is the BEST.

Prof. C. B. Waldron of Fargo says: "The well-known hardiness of alfalfa makes it especially suited for growing in the northwest, though the possibility of succeeding with Montana-grown seed has also been thoroughly demonstrated."

We think this statement is sufficient proof of the claims we have made. We will be pleased to mail samples of our seed; is free from quack grass, buckhorn, Canada thistle, fan weed, wild oats, mustard or dodder. As a hay producer it surely has no equal when once established, as from 3 to 4 cuttings may be had in a season, according to conditions, totaling 4 to 6 tons per acre.

Alfalfa naturally prefers a rich, loose limestone soil with a porous subsoil; but it also grows and thrives on a variety of soils, and in many different climates. Briefly, there are three essentials—the land must be drained if wet, it must be sweetened with lime if acid, and there must be humus and nitrogen in the soil, which may be easily supplied by barnyard manures, or green crops plowed under. When lime is not present in the soil, it must be supplied, the amount used being 2 tons of limestone per acre.

The crop should be cut when new plants start at the crowns. The time to sow in the North and Eastern States is early spring or August, 20 to 30 lbs. per acre if broadcasted, or 15 to 20 lbs. if drilled in; in the South sow in February or Sept.

Ask for our current farm seed price list before buying.



ALFALFA

Full cultural instructions will be found in our new Booklet "ALFALFA." Sent free to all who ask.

RED CLOVER. This is far the most important clover grown. It thrives on strong, well drained loams, it does well on a great variety of soils, excepting sour or acid soils. Red clover does not last over two years. Makes a good pasture, stock thrive on it. Red clover is very valuable adding humus and nitrogen to the soil. If grown alone, sow 12 to 14 pounds per acre. Red clover may be sown with grasses but is usually grown with timothy, 8 to 10 pounds of clover and a half bushel of timothy seed per acre. Weight, 60 lbs. per bushel. **Price, lb. 40 cts., postpaid.** Ask for our current farm seed price list before buying.

ALSIKE CLOVER. While not strictly a perennial, it usually remains in the ground for several years. It will stand acid soil better than Red clover. It should be used in mixture on a soil where the seeding is to remain three years or more, is preferable to Red which dies in two years. Alsike is often mixed with Timothy as they ripen together, and does not crowd the Timothy as badly as Red clover. Alsike will keep Red clover from heaving out, due to its spreading roots. A good hay mixture is 3 parts Red clover, 3 parts Timothy and 1 part Alsike. Alsike is also one of the best honey producing plants that can be grown, when sown alone requires 5 lb. seed to an acre. Our seed is pure and plump. Weight, 60 lbs. per bushel. **Price, lb. 40 cts., postpaid.** Ask for our current farm seed price list before buying.

MAMMOTH OR SAPLING CLOVER. Similar to Red Clover in appearance of seed and habit of growth. As a soil-producer to plow under, it is considered superior on account of its extra growth, and when sown for hay produces very large crops. A good variety for thin soils. Sow 10 to 12 lbs. to the acre, when sown alone; when sown with timothy, use 6 lbs. Sapling Clover and 8 lbs. Timothy to the acre. Fancy seed. **Lb. 40 cts., postpaid.** For larger quantities write for prices.

CRIMSON CLOVER. It is equal to any Clover for hay, comes some earlier in the spring than any other. As valuable as Red Clover to plow under, yet it may be sown among growing corn at the last cultivating, and be ready to plow under in time to put another corn crop on the same ground the very next year. Sow 15 lbs. to the acre. **Lb. 25 cts., postpaid.** Ask for our current farm seed price list before buying.

WHITE DUTCH CLOVER. A low close-growing clover, round white heads, very fragrant, best adapted to moist soils, but does well on dry land. Excellent for lawns. **Price 75 cts., postpaid.** For larger quantities, write for prices.

CAUTION. Every care should be exercised in buying Red Clover, for there are always on the market at a cheap price large quantities, badly infested with weed seeds, which in size and appearance closely resemble Red Clover, and cannot be cleaned out. Our seed is of high germination, pure and free from weed seeds and foreign matter.

Prices of Clover subject to change. Write for our current price list

WHITE SWEET CLOVER (*Scarified Seed*)

The Most Remarkable Forage Plant in the World.

We would like to call your attention personally to the merits of sweet clover for pasture, hay and soil improvement; and to the advisability of sowing some of it this summer or fall, on stubble land after grain harvest, with fall sowing of grain, in corn at last cultivation or sowing alone. With seed treated on an Ames Scarifier, excellent results are obtained by sowing in summer or early fall, and 10 pounds of treated seed per acre will give a good uniform stand.

Sweet Clover is coming into its own. Instead of being the despised roadside weed that it once was, it is now being planted extensively, as few plants grow better in heavy clay soil, alkali ground and many other places where the ordinary grasses cannot exist.

Sweet Clover will provide more feed per acre than any other form of Grass.

One farmer declares that five acres of Sweet Clover carried more stock than forty acres of Timothy and Clover would.

Another farmer has a sixteen-acre tract of Sweet Clover which has pastured an average of two mature animals to the acre, or thirty-two animals all summer. Besides this, he cut several good loads of hay from one corner of the field where the clover grew most rank.

Sweet Clover stands drought well and does not cause stock to bloat.

Our seed is cheaper this season than usual, affording a good opportunity to get a start with this crop and to give it a trial.

Lb. 40 cts., postpaid. Ask for our current farm seed price list before buying.

Holco Recleaned Grass Seeds

Prices subject to Market Changes. Ask for our Current Farm Seed Price List.

TIMOTHY

Is distinctly a grass for hay. It is more or less injured by pasturing it. Is hardy and is a part of all permanent grass mixtures. Grows well on almost all soils, even on light soils, it yields fair crops. Eleven pounds is usually sown per acre, or if clover is to be sown in the spring, 45 pounds to six acres. A satisfactory mixture is seven pounds Timothy, seven pounds Red and three pounds Alsike, weight per bushel 45 lbs. We have extra fine grade of timothy seed this year. We reclean all of our seed before shipping.

Price, 20 cts. per lb., postpaid. Write for prices on larger quantities.

KENTUCKY BLUE GRASS

It makes the best sod of any grass and does fairly well on a wide range of soils though it is better adapted to clay than to sandy loam. It is a good pasture grass, but not so good for hay. Is excellent for lawn and pasture mixture. Sow 30 to 40 pounds per acre. Though offered at the standard weight of 14 lbs. per bushel, we handle nothing but fancy recleaned Seed, free from chaff, the natural weight is 20 to 25 lbs. per measured bushel.

Price, 45 cts. per lb., postpaid. Write for prices on larger quantities.

CANADA BLUE GRASS

A valuable grass for hard dry soils. It grows on land so poor and thin to exclude the growth of other grasses. Being a creeping habit, it forms a strong turf. Is valuable pasture grass on dry soils. Sow 30 to 40 lbs. per acre, weight 14 lbs. per bushel.

Price, 30 cts. per lb., postpaid. Write for prices on larger quantities.

We carry other varieties of grasses in stock and will be pleased to quote prices and mail samples on application.



TIMOTHY

Henry Landis, Lancaster County, Penn.; Your Timothy Seed was the cleanest I have seen. Will send clover order soon.

RED TOP

Red Top succeeds almost everywhere. Does better on moist land. Is valuable for pasture and hay. It is often sown with Timothy and Red Clover. We offer only one grade of Red Top, the finest fancy recleaned Seed, weight 32 lbs. per bushel. Sow 15 lbs. per acre.

Price, 30 cts. per lb., postpaid. Write for prices on larger quantities.

ENGLISH RYE-GRASS

It produces an abundance of fine foliage and forms a compact sward. Is very valuable for permanent pastures, when cut grows up in a very short time and remains bright and green throughout the season. It is sometimes well adapted in lawn mixtures. It is also a good variety for hay if cut when in blossom. Does well on land not too dry. Sow 50 lbs. per acre, weight per bushel, 24 lbs.

Price, 35 cts. per lb., postpaid. Write for prices on larger quantities.

ORCHARD GRASS

Orchard Grass (Cocksfoot) will stand more drought than Kentucky Blue Grass. It starts early in the spring and grows rapidly so that it is valuable in a pasture mixture. Orchard Grass grows in tufts or bunches so that it will not

permit an even sod. Makes a good growth in shady places. Twenty-eight pounds will sow an acre, weight 14 lbs. per bushel.

Price, choicest recleaned Seed, 35 cts. per lb., postpaid. Write for prices on larger quantities.

BERMUDA GRASS

Good for both pasture and hay. Especially adapted for the South, where other grasses will not grow. It is a drought resister and used for binding banks or creeks and dams, etc., due to its roots running over the surface of the ground. Will not succeed further north than Ohio River. Sow 5 lbs. per acre.

Price, 35 cts. per lb., postpaid. Write for prices on larger quantities.

Due to present conditions, all prices subject to change. Write for our current price list

THE HOLMES - LETHERMAN

Holco
QUALITY

SEED COMPANY, CANTON, O.

Holco
QUALITY

Farm Seeds

ALL OUR NORTHERN GROWN FARM SEEDS ARE SOLD UNDER TEST AS PER AGREEMENT WITH THE DEPARTMENT OF AGRICULTURE

We will furnish Test with all Field-Crop Seeds in ten pound or over.

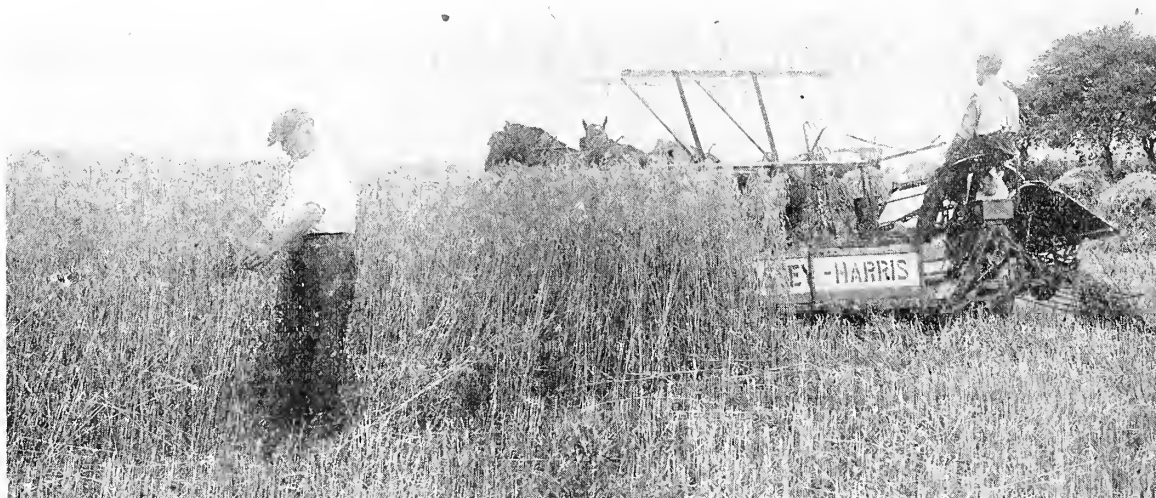
Seeds so labeled may always be seeded at the proper rate to give a good stand.

You can depend upon receiving the BEST QUALITY SEEDS when you buy of HOLMES-LEATHERMAN SEED COMPANY.

Ask for our current farm seed price list before buying.

OATS

There is no crop which comes nearer than being raised at a loss than oats, if a good clean high yielding variety is not sown. Oats should be sown early in the spring, preferably on fall plowed land. Seed by drill or broad-cast, using 64-96 lbs. per acre. Bushel 32 lbs.



Chas. Chader, Mgr. of The H. H. Timken Farm, Canton, standing alongside a field of Wisconsin Wonder Oats. Note the height and stiffness of straw.

Wisconsin Wonder or Pedigree One

Remarkable for its Productiveness and its Stiffness of straw

The greatest oats for heavy soils ever produced. Bred and improved for a stiff straw, which prevents lodging on rich soils. A white oats with a thin hull and spreading head. When grown in comparison with other varieties, it far out-yields them. A medium early oats of wonderful yielding power. Genuine pedigree seed, true to type and name. Ask for our current farm seed price list before buying.

IMPROVED SWEDISH SELECT

This is an improved strain of the Swedish select. Variety introduced by the U. S. Department of Agriculture some 15 years ago. Under constant improvement and selection since that time this variety has become the most popular oats in America. Has a large, white, plump kernel and spreading head. A tremendous yielder on light soils, due to its extensive root system. An early maturing, uniform ripening strain. Well adapted to the average soil.

Ask for our current farm seed price list before buying.

SIXTY DAY OATS

A variety which is coming into popularity for very rich, moist soils. The straw is short to medium height and very stiff. Two weeks or more earlier than other varieties. Kernel is of a light yellow color and smaller than common varieties. Very thin hull but has a very plump, meaty, berry. At Iowa and Wisconsin Experiment Stations, Wisconsin Sixty Day Oats has out-yielded all other varieties. Our seed is Pure-Bred and of improved stock.

Write for our current price list.

Barley—Holco Pedigreed Northern grown

Sow barley on fertile soil, 72 to 84 lbs., if drilled; 96 to 120 lbs. broadcast. Seed early. 48 pounds of barley makes excellent nurse crop for alfalfa. Barley is second only to corn in feeding value, bushel 48 lbs. Due to present conditions, all prices subject to change. Write for our current price list.

CHAMPION BEARDLESS BARLEY

A favorite with many who do not like the bearded varieties. Easier to handle as it is free from objectionable beards. Preferred by many stock feeders on this account. Our stock is clean and uniform. An early ripening, very productive strain. Write for lowest prices.

L. H. Hershey, Stark Co., Ohio.—“I was very much pleased with the Spring Wheat, and the results, which I received this last spring.”

BUCKWHEAT

Will thrive on light soils and often sown as a catch crop late in spring or summer. If sown broadcast, 50 pounds of seed required, in drills 35 lbs. A valuable crop for bees, green manuring or seed, bu. 50 lbs.

JAPANESE BUCKWHEAT is an early variety which can be sown farther north than other strains. Seed is very large and a heavy producer. Write for lowest prices.

SILVER HULL BUCKWHEAT is the choicest variety to sow for flour and commands the highest prices on market. The Silver Hull Buckwheat yields well on sandy soils and extensively sown for bees. Ask for our current farm seed price list before buying.

Minnie Taylor Farm, Stark Co., Ohio.—“The Dwarf Essex Rape certainly proved to be a great value to us this past spring. Had an abundance of pasture for the hogs.”



CHAMPION BEARDLESS BARLEY

WHEAT

At prevailing high prices wheat is the crop. Be patriotic and plant our high yielding varieties. Spring wheat planted early after oats, drill bushel per acre. Winter wheat sown in fall. Seed with drill 90 pounds per acre. Wheat does best on fertile clay loam soil, bushel 60 pounds.

MARQUIS SPRING WHEAT

Remarkably Early—Very Productive—Best Milling Quality

The newest and most productive spring variety ever produced. Another triumph of the plant breeder. Originated at Central Canadian Experiment Station and now grown on the vast fields of Canada. Ten days earlier than others. If you want a spring wheat this variety will be sure to please.

Ask for our current farm seed price list before buying.

Minnie Taylor Farm, Ohio.—“The Spring Wheat looked so good to us this last spring that we are figuring on putting out quite an acreage next spring. Hope to receive the same grade of seed we received in the past.”

WISCONSIN PEDIGREE BARLEY

The World's Champion Bearded Barley

The highest yielding variety ever grown. This barley is the result of 15 years breeding work at the Wisconsin Agricultural College. Our seed is genuine Pedigree Stock. Yields 5-10 bu. more per acre than common. Ripens uniformly. Noted for stiff straw and plump kernels.

Write for our current price list.

IMPROVED HULLESS BARLEY

The entire hull is removed in threshing. Sown for feeding poultry, hogs, and other live stock. Makes good hay when cut green. Has no beards.

Write for prices.

DWARF ESSEX RAPE

The cheap but ideal feed for sheep or hogs. A pasture crop every farmer should plant for its valuable forage quality. Rape is a rank feeder and should be sown on very fertile and rich soil. One acre will pasture from 20 to 30 sheep or hogs for two months. Sow broadcast 3-5 lbs. seed per acre. When sown in drills 1-2 lbs. Plant about June first or later. Our seed is of choice quality and genuine selected stock.

Write for current price list.

BROOM CORN

IMPROVED EVERGREEN. The best variety for brooms. Brush long and straight; bright green color. Highest quality of seed. Drill 15 lbs. seed per acre and cultivate. Bu. 48 lbs. Write for lowest prices.

RED WAVE

This beardless variety originated by the Plant Breeder. One of the best yielding varieties ever grown in the east, has long heads filled with big kernels, strong straw of medium height. A variety that should be tried by every farmer.

Write for prices.

POOLE WHEAT

A red chaff variety of high yielding winter wheat, well adapted to Ohio soils. Gives great satisfaction wherever sown. Strong vigorous grower. Does not winter kill easily; stands up well and of uniform maturity.

Write for prices.

RYE

A hardy crop and will make a larger yield on poor land than any of the cereals. Spring Rye sown as other spring grains. Often sown for pasture. Winter Rye sown in fall. Valuable for late fall pasture and to prevent leaching of the soil. Seed 85 lbs. per acre, bushel weighs 56 lbs.

Price, 10 lbs.,

PEDIGREE WINTER RYE

This variety of winter rye improved by years of breeding and selection at the Wisconsin Experiment Station. This rye yields heavy on good soils, 35-50 bushel, and on sandy soils out-yields common rye 15-20%. Its strong stiff straw prevents lodging. Kernels are largest and plumpest of any rye produced. Genuine Pedigree Stock well acclimated to eastern soils.

Ask for our current farm seed price list before buying.

SPRING RYE

For early spring seeding use this variety. Straw shorter and stiffer than winter variety. A good crop for light soils. Profitable to plant for hogs or cattle.

Write for lowest prices.

VETCH

SAND OR WINTER VETCH. One

of the best legume crops for forage and fertilizing purposes. Builds up poor soils and prevents leaching during the winter. Extremely hardy and will live all winter. For furnishing abundant late fall pasture, sow 60 pounds of seed the latter part of August with 56 pounds of fall rye, which supports the vines. Can be sown in spring with small grain for late summer pasture. Vetch is a legume and adds large amounts of nitrogen to the soil thru its roots if properly inoculated. Ask for our current farm seed price list before buying.

SUGAR CANE OR SORGHUM

A wonderful amount of feed can be grown on an acre planted to sorghum. Yields 8 to 10 tons. A fine dairy feed and liked by all stock. For forage, sown 50 pounds per acre the early part of June. For syrup, drill 8 pounds of seed in rows and cultivate like corn. Bushel 50 pounds.

EARLY AMBER CANE. The choicest variety for forage or syrup. This is the earliest and richest strain for northern latitudes. Our seed is clean and highest grade. Write for prices.

GEM SORGHUM. Grows 8 to 12 feet high. The greatest known fodder for horses, cows, hogs and sheep. Each stalk is filled with a sweet juice from which molasses is made. One bushel of seed to the acre. Write for our current price list.



HEADS PEDIGREE RYE

MILLETS

Splendid crops for hay or soiling, can be sown both in spring or early summer, as catch crops. Thrives on fertile soils. Sow broadcast 50 lbs. per acre, drill 30 lbs. slightly less where sown for seed, bushel 50 lbs.

GERMAN OR GOLDEN

A medium early variety, large beany heads. Will produce an enormous crop on rich, moist soils. When young, makes an excellent pasture.

Write for prices.

HUNGARIAN

The best variety for hay, stems slender with very abundant leaves and smaller heads. Very quick grower and can be sown late.

Write for prices.

JAPANESE

Recommended for both as a green fodder crop or for hay. Grows 6 to 8 feet high and is not particular as to soil. Yields heavy crops, stools freely. Only 12 to 15 lbs. of seed sown broadcast are required for an acre.

Write for prices.

CANADA FIELD PEAS

Field peas are one of the best hay and soiling crops that can be grown. Usually sown with oats which makes a rich nutritious hay. Splendid to cut and feed green as a soiling crop. Sow 60-90 pounds of peas to 64 pounds of oats early in the spring. Does best on fertile soils which have been well prepared. 60 lbs. per bushel.

Write for lowest prices.



FIELD OF CANADA FIELD PEAS AND OATS

"Buy Early"—Due to present conditions, all prices subject to change. Write for prices

SOY or SOJA BEANS

NORTHERN GROWN

There is no better forage for cattle, horses, and hogs than Soja-bean hay. Superior over the Cow Pea, as the forage is more nutritious, either as seed, hay or ensilage, and the seed is weevil proof.

The stock like it and thrive on it. Soja-bean hay is rich in protein and compares favorably to Alfalfa and Red Clover in feeding value. A good crop of Soja-beans for seed pays big returns.

Ground Soja-beans make richer feed than cottonseed meal. Soja-bean straw is relished by stock, so that a valuable quantity of forage is secured even when you grow Soja-beans for seed.

The best thing about Soja-beans is their effect upon the soil. Nitrogen is deposited in abundance, while the roots form humus. If you have a poor patch of ground in which you would like to inject new life, put in Soja-beans. It would pay big returns to turn the crop under as green manure.

For Hay. When the ground is thoroughly warm, drill Soja-beans solid, 90 to 120 pounds per acre. Barely cover. Using the oats feed.

The hay crop should be harvested about the latter part of August and the cutting should be done in the afternoon, as the sap is down more at that time. The hay should be tedded each morning while dew is on until dry.

For Seed. Make rows 28 in. apart. Plant shallow, 30 lbs. per acre, after corn is well up. Cultivate two or three times.

EARLY BROWN

Mr. Evans of Michigan, introducer of this variety, states that Early Brown is a better variety than Ito San, besides being earlier, produces more hay and is hardier. Being early can be removed in time to grow wheat.

Write for prices.

ITO SAN

This variety is well-known, early and will mature in the high altitudes of Pennsylvania. Ito San yield heavy and we recommend them for bean production and suitable for an early manure crop. On account of its small growth, it is not as suitable as other varieties for hay and silage.

Write for prices.



To inoculate your Alfalfa, Clovers, Soy Beans, Vetches and all other legume crops. Small cost; large returns; easy to use; no labor expense. Increase your crops. Improve your soil. Specify the particular legume which you desire to use. McQueen's Inoculator are supplied at the following prices:

5-acre size \$4.00, 1 acre size \$1.00, garden size 25 and 50 cts. (These prices include delivery.)

Free descriptive literature sent upon request.

COW PEAS

A valuable legume for pasture hay or improving the soil. Also splendid for soiling and silage—all stock eat it. Very beneficial in any rotation and gathers nitrogen from the air if properly inoculated. Can be planted in spring about corn planting time. Either drill or broad-casting 60-90 lbs. per acre, 60 lbs. per bushel.

OUR WHIPPOORWILL variety is best, a very quick grower. Write for our current price list.

BIRD SEEDS

Prices by mail or express, prepaid

CANARY. Lb. 15 cts., 3 lbs. 40 cts.

HEMP. Lb. 15 cts., 3 lbs. 40 cts.

RAPE. Lb. 15 cts., 3 lbs. 40 cts.

MILLET (RED). Lb. 10 cts., 3 lbs. 25 cts.

LETTUCE. Lb. 40 cts.

MILLET (WHITE). Lb. 15 cts.

MIXED BIRD SEEDS. Lb. 15 cts., 3 lbs. 40 cts.

MEDIUM GREEN

While thought to be the best bean for Ohio, it is excellent for forage and hay. A fine bean for soiling and ensilage but unfortunately it shatters so badly that growers are discontinuing it as a seed producer. Medium Green are very scarce. Write for prices.

HOLLY BROOK

This variety is large seed producer and grows to be about 36 inches tall. It is coarse but good for hay. Is excellent to plant with corn for hogging off or for silage.

Write for prices.

WILSON

This is a black seeded variety. It is quite a large producer of seed and hay. It is popular but is difficult to procure seed. Grows 40 inches tall. Write for prices.

SUDAN GRASS

New Drought-Resisting Forage Plant

This wonderful drought-resisting annual was introduced into this country some 4 or 5 years ago by the United States Department of Agriculture from Sudan in Egypt. There are only a few locations that ever have hay sufficient for their stock. It is the most prolific hay crop known. Seeds are better than oats for all kinds of stock. It will grow on worn-out land when put in a good state of cultivation. It is a great drought resistant. There is no deception in Sudan, it will do what we claim for it. Sudan without doubt has solved the hay problem, for the reason it readily grows in all sections of the country and gives, possibly, a larger yield by double, with a feeding value equal to alfalfa. Stock prefer it to any other forage. Plant Sudan Grass as early as possible, avoiding frost. Plant in rows 36 in. apart, drop seed 14 to 16 in. apart. Cultivate same as you would maize or sorghum. If you want seed, it requires 90 days to mature seed. Cut and thresh, use your own judgment as to when cured. If for hay, cut after 60 days and the second crop is ready for harvesting in 30 days from the first cutting, and so on until the end of the season. To sow broadcast it requires from 15 to 20 lbs. to the acre. Like sorghum crops, it must be planted each spring and dies when the first frost comes. It requires 1 to 1½ lbs. to the acre planted in rows. It yields from 4 to 7 tons of hay and 600 to 1,200 lbs. of seed to the acre. It is easily cured and handled; it readily grows in all sections of the country and has proved a great success in every section.

Write for our current price list.

"Buy Early"

Due to present conditions, all prices subject to change. Write for our current price list



Flower Garden of Mrs. Ralph Ambler, Bentbrook, Canton.



FRESH TESTED FLOWER SEEDS

Our flower seeds comprise all varieties of real merit. We spare no trouble or expense to supply only such varieties and strains that will give the best satisfaction.

ANNUALS attain full growth from seed, flower and die in one year

BIENNIALS grow from seed one year, bloom and die the next, though some varieties bloom the first season when sown early.

PERENNIALS last for several years, blooming annually after the first season, though some varieties will bloom the first season if sown early. **FLOWER SEEDS ARE DELIVERED FREE TO ANY POSTOFFICE**

"HOLCO" FLOWER SEED COLLECTIONS—ANNUAL FLOWER SEEDS

(Sown in the Spring, These Will Flower the Same Season) 25 varieties, special price, \$1.00, or 12 kinds, your choice for 50 cts. When ordering, ask for our Leaflet Culture on Annual Flower Seeds.

Ageratum. Blue Perfection. Compact bushes. Blue flower.
Alyssum. Little Gem. White.
Aster. Giant Comet, double, mixed colors.
Calliopsis. Golden Wave. Large golden flowers.
Candytuft. Empress. White flower.
Celosia. Brilliantly showy.
Cosma. Giant flowering, mixed. Fall flowering.
Dianthus. Double. Pinks. Various colors.
Eschscholtzia. Golden West. California poppies.
Hollyhock. Annual Ever-Blooming. Mixed colors.
Larkspur. Giant Hyacinths—flowered. Mixed colors.
Marigold. Mixed colors. Improved African.
Mignonette. Mammoth. Long, large spikes.

Nasturtiums. Tom Thumb. Various colors.
Pansies. Finest mixed. Giant flowers.
Petunia. Large-flowering, mixed.
Phlox Drummondii. Large-flowering, mixed.
Poppy. Giant Double. Brilliant mixture.
Portulaca. Mixed.
Sweet Peas. Spencer varieties, mixed.
Scabiosa. Mixed colors.
Stocks. Dwarf, double, 10 weeks, mixed.
Sunflower. Mixed.
Verbena. Mammoth, mixed. Large flowers.
Zinnia. Large, double, mixed colors.

HARDY PERENNIAL FLOWER SEEDS

For Garden, Borders and Groups

(These flower from seed the second year and thereafter.) 20 varieties, special price, \$1.00.

When ordering, ask for our Leaflet Culture on Hardy Perennials Flower Seed.

Alyssum. Saxatile Compacta. Spring-blooming, hardy Alyssum, yellow.
Aquilegia or Columbine. Large-flowering.
Canterbury Bells. Calycanthema. Mixed.
The Cup and Saucer.
Candytuft. White hardy Candytuft.
Carnation. Hardy Garden. Mixed colors.
Coreopsis Lanceolata. Harvest Moon. Large golden-yellow flowers.
Delphinium. Large Hybrids. Mixed colors.
Dianthus Plumarius. Double, mixed.
Digitalis Gloxinoides. Mixed. The finest strain of Foxglove, various colors.

Gaillardia Grandiflora. Mixed.
Hollyhock. Choice, double mixed.
Lobelia. Hardy mixed.
Pentstemon. Finest mixed. Large Foxglove-like flowers.
Phlox. Hardy large-flowering, mixed.
Poppy. Hardy Oriental Hybrids. Mixed.
Stokesia. The hardy Cornflower. Blue flowers.
Sweet William. Large-flowering. Mixed.
Tritoma Uvaria Grandiflora. (Red-Hot-Poker). Spikes of fire-red flowers.

Wall-Flower. Double, large flowering. Mixed colors.

CLIMBING ANNUALS—(Sown in the spring these rapidly attain perfection and flower the same season.) 10 varieties, special price, 50 cts. Mail free.

Balloon Vine. White flowers, 10 feet.
Canary Bird Vine. Yellow butterfly-like flowers.
Cobaea Scandens. Bell-shaped, rich blue flowers, 20 feet.
Cypress Vine. Mixed. Feathery foliage, star-shaped flowers, 15 ft.
Dolichos. Giant Crimson. Wisteria-like clusters of crimson flowers, 10 feet.

Humulus. Japanese Variegated. Foliage striped, 20 feet.
Moon Flower Vine. Immense white flowers, 50 to 75 feet.
Morning Glories. Imperial Japanese. Mixed. 30 feet.
Nasturtium. Giant-flowering, climbing. Mixed. 10 feet.
Sweet Peas. Giant Spencer. Mixed. 10 feet.

NOVELTIES AND SPECIALTIES IN FLOWER SEEDS FOR 1918

NEW ASTER—3000 AMERICAN BEAUTY



NEW ASTER, American Beauty

CARDINAL CLIMBER

Strong and Rapid Annual Climber

- 203 This glorious and absolutely distinct new annual climber is undoubtedly the greatest acquisition to the flower world in years, and the most beautiful and brilliant climber ever grown. It is a strong and rapid grower, attaining a height of twenty-five feet with beautiful fern-like lacinated foliage and literally covered with a blaze of fiery cardinal red flowers from midsummer to frost. The flowers are about 1 inch in diameter and are borne in clusters five to seven blooms each. Like all Ipomoeas it delights in a warm, sunny situation and good, rich soil. The seed should be soaked in water a few hours before sowing and not planted outside until about May first. Pkt. 10 cts., 3 pkts. 25 cts.

DIMORPHOTHECA AURANTIACO

(African Golden Daisy)

- 425 This is by far one of the best introductions in recent years. The plants are of branching habit, growing about 15 inches high; the flowers are a rich golden orange with a dark center. Being an annual, it is easily cultivated and will give a magnificent display all summer. Very highly recommended. Pkt. 10 cts., 3 pkts. 25 cts.

Is similar in type of flower and growth to the well-known Late Branching Asters, but differs in that all the large blossoms are produced on much longer and heavier stems. It is the first of a new strain of late branching habit, and of robust growth. Plants will average two and one-half to three feet in height, according to location, while the immense flowers, usually four to five inches in diameter, are often borne on heavy stems which may be cut two feet in length. The flowers are fully double to the last and are a most lovely shade of bright carmine-rose, almost identical with the World-Famous American Beauty Rose. Each plant forms a perfect bush. Pkt. 10 cts., 3 pkts. 25 cts.

ASTER.

WHITE BEAUTY

One of the finest white Asters for Mid-summer cultivation. The plants are extremely strong growing, producing from ten to twelve large flowers, usually measuring 4 inches in diameter and of a fine form. The flower when first opened is strongly whorled, the petals being broad and somewhat folded lengthwise, usually making them appear narrow; the outer rows are straight, while the center still retains the whorled effect. Pkt. 15 cts., 2 pkts. 25 cts.

When ordering, ask for our Leaflet on Astor Culture.

ALYSSUM LILAC QUEEN

LILAC QUEEN ALYSSUM. Since being introduced has been very popular. This miniature alyssum, growing close to the ground, with small deep lavender lilac flowers. Invaluable for edgings. A really pretty color either alone or in conjunction with white sorts. Makes an effective edging to Snapdragon beds. Pkt. 10 cts., 3 pkts. 25 cts.

NEW DOUBLE COSMOS

Crowned and Crested

We consider this one of the best Flower Novelties of the year—an entirely new race of Cosmos. The plants are similar in habit to our famous strain of early-flowering Cosmos, and a fair percentage have double crowns, which give the flower a very dainty and exquisite appearance. The colors are pure white and a delightful shade of shell-pink. A large percentage come true from seed, both as to color and doubleness. The single which the strain produces are also very beautiful.

	Pkt.
Double Pink Beauty.....	\$0.10
Double White Queen.....	.10



PANSIES HOLMES' GIANT-FANCY

J. F. Hammer, Nashua.—Last summer I bought Pansy Seed from different Seedsmen to see whose strain I liked the best. I will say your varieties gave me the best results.

CHINESE WOOLFLOWER

(*Celosia Childsii*)

Without doubt this new *Celosia* is the most magnificent garden annual yet introduced. Its ease of culture and long continued blooming season, (July until frost), together with its massive bunches of wool-like flowers and glowing color, combine to make it the most odd as well as the showiest novelty for the general flower garden.

Plants grow about three feet high, the bloom starting early with a globular central head of immense size, while numerous branches are sent out, each bearing a ball of scarlet wool, while each branch produces many laterals which also develop excellent heads of bloom that last until killed by frost and expand with a deepening richness of color to a deep crimson scarlet.

Seed may be sown in open, after danger from frost, or sown in pots; may be transplanted when ground is ready. **Pkt. 15 cts.**

RED SUNFLOWER

535 For countless thousands of years Sunflowers of all kinds have brightened earth with flowers of golden yellow. And now nature has suddenly given us a Sunflower with blossoms of a beautiful chestnut red. As easily grown as any of the common Sunflowers. The flowers vary in color from a rich chestnut red, to red variously bordered or tipped with yellow. A striking novelty in the gardens, and the gorgeous, long-stemmed blooms are beautiful and lasting as cut flowers. **Pkt. 10 cts., 3 pkts. 25 cts.**

GIANT ZINNIA

(*Grandiflora Robusta*)

Previously we have only been able to offer this mammoth Zinnia in three colors, while this season we can supply this choice strain in eight separate colors. Zinnia *grandiflora robusta* has produced excellent results to hundreds of customers who have grown it with great success. The plants are of exceedingly robust habit. The flowers are borne on long, stiff stalks, of a semi-globular form, are mostly very double, and, together with their immense size, produce a very marked effect. The flowers, as the illustration will indicate, measure from five to six inches across, this being by no means unusual. Zinnias being a very popular flower for bedding and old-fashioned gardens, and also of special value for cutting purposes, these new colors; annot but make a valued addition to our already standard varieties.

Pkt.		Pkt.	
Crimson.....	\$0.10	Scarlet.....	\$0.10
Flesh Color.....	.10	Violet.....	.10
Golden Yellow.....	.10	White.....	.10
Purple.....	.10	Mixed.....	.10

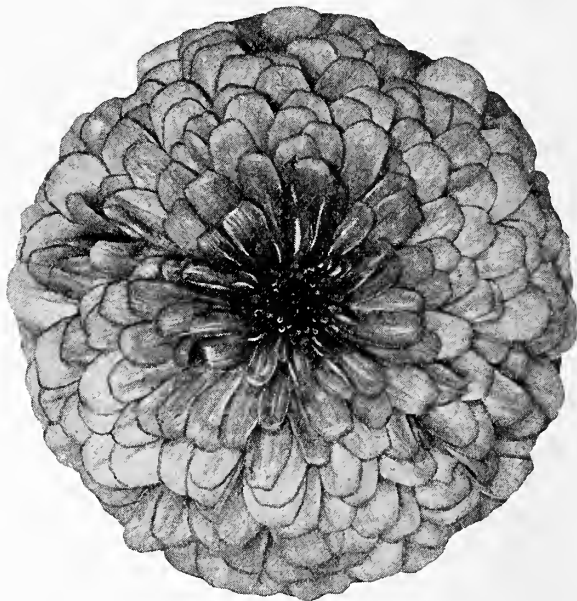
PANSIES HOLMES'

GIANT-FANCY

These largest and most beautiful of all blotched Pansies have been developed after years of close selection by a skilled market grower who raises no other strain than this which he has improved to such a wonderful degree. The well-formed expanded flowers are uniformly of the largest size; they are borne upon long, stiff stems well above the heavy deep-green foliage. Of varied ground colors, such as white, cream, yellow, deep orange, mahogany, claret, rose, reddish bronze, lavender, and light blue, each petal is beautifully blotched. The compact rounded plants are of sturdy habit, and so deep rooted that they bear the gigantic flowers continuously. The seed necessarily is very expensive, but well worth all it costs!

Pkt. 20 cts., 3 Pkts. 50 cts.

Mrs. W. C. Green, Glenardene, New Berlin Rd.—“The ‘Holco’ Giant Pansy was a great success. All of the seed seemed to grow, as I had pansy plants to give away by the dozens. They bloomed all summer and are at present date with quite a few flowers.”



GRANDIFLORA ROBUSTA GIANT ZINNIA

DELPHINIUM “HOLCO” GIANT

HYBRIDS

(*Perennial Larkspurs*)

Are very satisfactory because the same plant may be cut back after flowering and start a second and even a third crop of flowers. “Holco” Giant Hybrids have colors from pale lavender to deep violet and centers of varying hues. These Delphiniums will grow four feet high; their tall flower spikes are most handsome. If grown in a cool spot and given extra cultivation, the spikes may be forced over six feet tall. Slugs are fond of these plants. When setting out, if only a few plants, protect them with collars of tin strips four inches wide. “Holco” Giant Hybrid Delphiniums are exceptionally fine.

Pkt. 15 cts., 2 pkts. 25 cts.



EVERLASTING FLOWER

ACROLINIUM (*Everlasting Flower*)

An annual "EVERLASTING," growing about 15 in. high, bearing white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets. Nice to grow in a mixed border aside from its use as an everlasting.

25 MIXED. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

AGERATUM (*Floss Flower*)

Used for borders, ribbon lines, etc. Blooms the entire summer. Sow early for best results.

28 BLUE PERFECTION. Dwarf, large, deep blue flowers, fine foliage; fine for edging flower-beds or walks. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

30 LITTLE DORRIT. Dwarf and spreading in habit. Flowers azure-blue. Pkt. 5 cts., $\frac{1}{4}$ oz. 30 cts.

31 PRINCESS VICTORIA LOUISE. Dwarf and compact habit; flowers blue with white center. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

32 WHITE DORRIT. Dwarf and free-flowering; large pure white flowers. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

ALYSSUM

Annuals and perennials that are favorites for cutting for bouquets, as well as for edging, boxes, baskets, etc.

35 LITTLE DORRIT. Extremely dwarf and compact, forming perfect little bushes with miniature white flowers; ideal for narrow edges. Pkt. 5 cts., $\frac{1}{4}$ oz. 30 cts.

36 CARPET OF SNOW. (LITTLE GEM). Only a few in. high; of a spreading habit. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

39 SAXATILE COMPACTUM (HARDY PERENNIAL). Dwarf and bushy; masses of pale yellow flowers. 1 ft. Pkt. 5 cts., $\frac{1}{4}$ oz. 30 cts.

AMARANTHUS

Tender, decorative annuals useful for border plants, centers of beds and among shrubbery. Strong growers, should have 2 to 3 ft. space for each plant. Height 2 to 3 in.

40 CAUDATUS (LOVE-LIES-BLEEDING). Blood-red; drooping racemes. Pkt. 5 cts.

41 TRI-COLOR (JOSEPH'S COAT). Foliage scarlet, yellow and green. Pkt. 10 cts.

For an order of Flower Seeds amounting to 50 cts., select packets to the amount of 70 cts.; for \$1, select packets to the amount of \$1.35.

ANTIRRHINUM (*Snapdragon*)

For gorgeous coloring few flowers can match Snapdragons.

The flowers of this new strain are of very large size, are very fragrant and are produced on immense long spikes, which render them extremely well adapted for cut-flowers. They are easily raised from seed in any rich sunny bed. If intended for winter flowering inside, cut back in September.

TALL GIANT FLOWERING, 3 feet

	Pkt.
44 Giant Yellow	\$0.10
45 Giant Scarlet .....	.10
46 Giant Venus. Pink on white .....	.10
47 Giant Victoria. White shaded cream .....	.10
48 Giant White .....	.10
49 Giant Pink .....	.10
51 Giant Striped .....	.10
50 Giant Mixed. A splendid mixture, containing all the colors; $\frac{1}{4}$ oz. 25 cts. ....	.10

Mrs. J. B. Dougherty, New Berlin, O.—"I had a wonderful bed of your Snapdragons. They were very gorgeous."

HALF DWARF VARIETIES, 18 inch

Are particularly good for bedding, as they require no staking. The flowers are most wonderful, in many new shades and tints.

70 NELROSE. Coral pink. Winner of many medals and awards. Good for both greenhouse and bedding. Pkt. 15 cts., large pkt. 25 cts.

71 Amber Queen. Canary yellow overlaid chamois pink \$0.10 |

72 Cottage Maid. Rose pink white throat10 |

73 Crimson Queen10 |

74 Daphne. Soft blush pink10 |

76 Defiance. Orange red10 |

78 Golden Queen. Rich yellow10 |

80 Mauve Beauty. Rose mauve10 |

81 Mont Blanc. Pure white10 |

83 Half-Dwarf Mixed. All the colors. $\frac{1}{4}$ oz. 25 cts.10 |



LITTLE DORRIT ALYSSUM

FLOWER SEEDS ARE DELIVERED FREE TO ANY POSTOFFICE

Holco American Asters

garden. The strains we offer are grown by specialists in this country. To have early flowers sow seed in the house from March till May; otherwise sow out doors after danger of frost is over. Asters require well pulverized soil, do not be afraid to cultivate.



LAVENDER GEM ASTER—MOST PERFECT ASTER

NEW RED ASTER "SENSATION"

- 3004** Reddest of all Red Asters, color being a rich garnet which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 in. high; the very double flowers, averaging $3\frac{1}{2}$ inches across, are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut; and makes a very brilliant bit of color in a bed or border. **Pkt. 10 cts., 3 pkts. 25 cts.**

PEERLESS PINK ASTER

- 3003** Conceded the finest pink late-branching Aster ever offered. Plants are robust, free-branching habit, hard to find a flower under 4 in. across, many measure 5 in. by $2\frac{1}{2}$ in. in depth, forming an almost globular flower. Color is a rich shell-pink, comes into bloom about the middle of Aug., being at its best during the early part of Sept. **Pkt. 10 cts., 3 pkts. 25 cts.**

LAVENDER GEM ASTER

- 3006** Is always full double, most beautiful shade of lavender yet to be found among early asters of the Comet type. Flowers first present a delicate shade which deepens with age; are borne on strong stems of good length. More popular every year. **Pkt. 10 cts., $\frac{1}{8}$ oz. 35 cts.**

Are all of American origin, our seed is the best possible to produce. No other flower which combines so much beauty with which more brilliant effects can be achieved.

From July 'til Sept. this flower reigns supreme in the house from March till May; otherwise sow out doors after danger of frost is over. Asters require well pulverized soil, do not be afraid to cultivate.

ASTER LADY ROOSEVELT

A Chrysanthemum Aster Gorgeous Pink of Marvelous Beauty

- 3001** The robust plants produce stout stems invariably 40 inches long, crowned with gigantic flowers. The seed we offer is selected from original specimens and then re-cleaned; so it must give absolute satisfaction. **Pkt. 15 cts., 2 large pkts. 25 cts., $\frac{1}{4}$ oz. \$1.25.**

PINK ENCHANTRESS ASTER

- 3002** This splendid Aster is highly commended by our customers, and large quantities are grown annually. The immense flowers of a soft, delicate pink, are borne on strong, upright plants. The color is that of the popular "Pink Enchantress" Carnation. In Aster the color is between that of Day-break and the Pink Branching. This color, although very delicate, does not fade. The plants are tall and strong and the flowers are the size of those of the largest Branching Aster. The flower is made up of broad petals, loosely arranged, and the effect is indescribably soft and pleasing. Nothing could excel in refined beauty a vase of Pink Enchantress Asters. **Pkt. 10 cts., 3 pkts. 25 cts.**

WHITE FLEECE ASTER

- 3008** One of the largest, most perfect of the early flowering Comet type, bearing flowers 5 in. to 6 in. across, formed into a plummy globe of glistening white; blooms at the same time as Lavender Gem, making a splendid companion. **Pkt. 10 cts., $\frac{1}{8}$ oz. 35 cts.**

When ordering, ask for our Leaflet on Asters Culture.

KING ASTERS

A magnificent class of Asters, distinct from all others in the character of the flower. The long, narrow petals are folded lengthwise, appearing almost as though quilled. The flowers are of great size and substance and last longer when cut than those of almost any other class. The plants are large and the stems exceptionally long and strong.

	$\frac{1}{4}$ oz.	Pkt.
3025 Crimson King. The richest and deepest crimson.....	\$0.50	\$0.10
3027 Pink King. An attractive delicate shell pink.....	.50	.10
3028 Rose King. A beautiful brilliant rose variety.....	.50	.10
3030 Violet King. A pleasing soft shade of violet.....	.50	.10
3032 White King. Pure white.....	.50	.10
3033 Mixed.....	.50	.10



Field of Improved Late Branching Asters for Seed

ASTERMUM ASTERS

A giant Comet mid-season variety of recent introduction. The plants grow about 2 ft. high with long strong stems, come in bloom a little earlier than Crego's Giant type. Few of the flowers run under 5 in. across.

	$\frac{1}{4}$ oz.	Pkt.
3053 White	\$0.50	\$0.10
3054 Lavender .....	.50	.10
3056 Pink .....	.50	.10
3058 Mixed .....	.50	.10

Mrs. Peter Lawrence, Phalanx, O. Likes the looks of your seeds.

QUEEN OF THE MARKET ASTER

A first-class flowering Aster, coming into flower in July, of branching habit; flowers of good size and borne on long stems, making them exceedingly valuable for cutting; 1 ft.

	$\frac{1}{4}$ oz.	Pkt.
3088 White	\$0.40	\$0.05
3089 Flesh-Pink .....	.40	.05
3091 Rose-Pink .....	.40	.05
3092 Crimson .....	.40	.05
3093 Lavender .....	.40	.05
3094 Purple .....	.40	.05
3095 Mixed. All shades .....	.40	.05

ROYAL ASTERS

An early flowering form of our Improved Late Branching variety, having all the good qualities of the latter, but coming into bloom in July or early August, and lasting for a long time. Their long-stemmed flowers are ideal for cutting.

	$\frac{1}{4}$ oz.	Pkt.
3012 White	\$0.25	\$0.60
3013 Shell Pink .....	.25	.10
3015 Rose Pink .....	.25	.10
3017 Lavender .....	.25	.10
3018 Purple .....	.25	.10
3020 Mixed .....	.25	.10

IMPROVED LATE-BRANCHING ASTERS

This excellent Aster is of American origin, and is especially adapted to our climatic conditions.

The plants form strong, branching bushes 2 to 2½ feet high, bearing on long, strong stems flowers which under ordinary cultivation, average 5 inches across. They come into bloom from two to three weeks after the average type, usually being at their best during September, and, all things considered, are the most valuable of all Asters, either for cutting or for bedding, and if only one kind of Aster is grown this is the type which will likely give the best results.

	$\frac{1}{4}$ oz.	Pkt.
3040 Azure Blue. A deep rich lavender...	\$0.60	\$0.10
3042 Deep Crimson. Rich and glowing...	.60	.10
3044 Pale Lavender. Exquisite greyish-blue	.60	.10
3045 Deep Purple. A rich royal shade...	.60	.10
3046 Rose-Pink. A lovely shade; very popular...	.60	.10
3047 Shell-Pink. Soft and dainty...	.60	.10
3049 Pure White. Perfect in its purity...	.60	.10
3050 Finest Mixed. All the colors mixed...	.50	.10

CREGO'S GIANT ASTERS

The flowers are of immense size, usually measuring from four to five inches in diameter, and borne on stems twelve inches or more in length. Their lasting qualities when cut are unsurpassed. The beautiful flowers are curled and twisted, resembling choice Chrysanthemums. The plants usually attain a height of from two to two and one-half feet. The delightful flowers are borne in abundance from late August until the end of September.

	$\frac{1}{4}$ oz.	Pkt.
3060 Pink. A soft delicate shell-pink...	\$0.40	\$0.10
3062 Azure-Blue .....	.40	.10
3063 Purple .....	.40	.10
3064 Lavender .....	.40	.10
3066 Rose-Pink .....	.40	.10
3067 Crimson .....	.40	.10
3068 White .....	.40	.10
3070 Mixed. All shades .....	.40	.10

DAYBREAK ASTERS

Plants are stiffly erect in habit of growth, and attain a height of eighteen to twenty inches. The flowers are ball-like in form with incurved petals, and are about two and one-half inches in diameter. These DAYBREAK ASTERS come into bloom during August and are most excellent for cutting.

	$\frac{1}{4}$ oz.	Pkt.
3075 Blue. Azure-blue	\$0.40	\$0.10
3076 Lavender .....	.40	.10
3078 Daybreak. The broad silvery petals are suffused with soft, delicate pink...	.40	.10
3080 Purity, or "White Daybreak." Large double flowers of purest snowy whiteness	.40	.10
3081 Rose .....	.40	.10
3083 Salmon. Light orange-salmon .....	.40	.10
3085 Mixed. All shades	Oz. \$1.50	.40

AQUILEGIA (*Columbine*)

No hardy plant grown from seed is more easily handled than the Columbine. General favorites for borders. Will also do well under shade of trees. Among the earliest flowering perennials, easily grown. 1½ to 2 ft. average height.

- 116 **CAERULEA** (ROCKY MOUNTAIN COLUMBINE). Flowers large, petals white, sepals deep blue, spurs very long. Pkt. 10 cts., ⅛ oz. 25 cts.
- 115 **CHRYSANTHA** (GOLDEN SPURRED). Golden-yellow. Pkt. 10 cts., ⅛ oz. 30 cts.
- 118 **LONG-SPURRED HYBRIDS**. All shades of lavender, blue, mauve, white, yellow, orange, scarlet and bright rose-pink. Plants are vigorous and stately in growth, producing abundantly large, elegantly shaped flowers with long spurs, borne well above the pale green foliage. Pkt. 10 cts., ⅛ oz. 50 cts.
- 119 **DOUBLE**. All colors mixed. Pkt. 5 cts., oz. 50 cts.

BACHELOR'S BUTTON

(See Centaurea)

BABY'S BREATH

(See Gypsophila)



BALLOON VINE

BALLOON VINE (*Love in a Puff*)

- 120 A rapid-growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons. Pkt. 5 cts., oz. 25 cts.

BALSAMS (*Double Camellia-flowered*) (Lady-Slipper)

An old favorite garden flower, producing gorgeous masses of beautiful brilliant-colored double flowers in the greatest profusion; of easy culture, succeeds in a good, rich soil; tender annuals; 2 ft. Start the seed indoors in April or sow out of doors in May. They should not be closer than 18 in. apart.

- 125 **DOUBLE CAMELLIA FLOWERED MIXED**. Finest mixed. Pkt. 5 cts., ¼ oz. 25 cts.

BEAN (*Runner*)

- 128 **SCARLET RUNNER**. A rapid climber, flowering profusely. Grows 10 to 15 ft. high. Pkt. 5 cts., ¼ lb. 15 cts.
- 129 **BUTTERFLY RUNNER** (PAPILIO). New variety with large flowers, white, salmon and rose-color. Pods are of excellent quality. Very showy. Pkt. 5 cts., oz. 15 cts.

BELLIS (*English Daisy*)

A favorite perennial, which will stand the winter if given the protection of a little litter. In bloom from early spring until well in the summer. Easily raised from seed, which may be sown at any time from spring till Aug. For best results, new plants should be raised from seed each year.

- 140 **MONSTROSA WHITE**. Flowers very double, of immense size, 2 to 3 in. across and borne on long, strong stems. Pkt. 15 cts., 2 pkts. 25 cts.
- 141 **MONSTROSA ROSE**. Same description as white. Pkt. 15 cts., 2 pkts. 25 cts.
- 142 **GIANT LONGFELLOW**. Large double, pink flowers. Pkt. 10 cts., ⅛ oz. 50 cts.
- 143 **GIANT SNOWBALL**. Large; perfect double; white. Pkt. 10 cts., ⅛ oz. 50 cts.
- 146 **GIANT MIXED**. Double fine mixture. Pkt. 10 cts., ⅛ oz. 50 cts.

CAMPANULA or CANTERBURY BELLS

A family containing many beautiful border plants several varieties beautiful as pot-plants. Mainly hardy biennials and perennials.

- 155 **CALYCANTHEMA** (CUP AND SAUCER). Delightful in form and colors, and elegant subjects for the garden or for pot culture. 2 to 2½ ft. Mixed. Pkt. 10 cts., ¼ oz. 60 cts.

MEDIUM (SINGLE CANTERBURY BELL). Large, bell-shaped flowers in many shades. Elegant border or pot-plants. A proportion of seedlings will vary from color, while some single flowers will be found among the double-flowered seedlings. 2 to 2½ ft.

	Pkt.	¼ oz.
158 Single Blue.....	\$0.05	\$0.25
159 Single Rose.....	.05	.25
160 Single White.....	.05	.25
163 Single Mixed.....	.05	.25
169 PYRAMIDALIS (CHIMNEY BELL FLOWER). Stately plants with stems 4 to 5 ft. high; fine for borders or as large, decorative pot-plants; large, broad, tubular flowers. Finest mixture of blue and white. Pkt. 5 cts., ¼ oz. 25 cts.		



CAMPANULA (Cup and Saucer Canterbury Bells)

CACALIA

(*Tassel Flower, or Flora's Paint Brush*)

A neat annual, of easy culture, with tassel-shaped flowers; blooms from June to September; fine for borders. 1½ ft.

180 Mixed. Pkt. 5 cts., ¼ oz. 25 cts.

CALENDULA (*Pot Marigold*)

Very showy, thrifty plants, particularly adapted for dry and poor soils, although they thrive in any sunny location. Extremely showy from late summer until cut down by frost. 1 to 1½ ft.

188 METEOR. Double; yellow, striped with orange. Pkt. 5 cts., oz. 25 cts.

189 FAVORITE. Light Sulphur-yellow, petals striped creamy white. Pkt. 5 cts., oz. 25 cts.

190 ORANGE KING. Very large double flowers of a dark orange-red. Pkt. 5 cts., oz. 25 cts.

191 LEMON KING. Very large. Pkt. 5 cts., oz. 25 cts.

CALIFORNIA POPPY

(See *Eschscholtzia*)

Chas. Snyder, Elmira, N. Y.—“The Seeds you sent me were better than those received from other sources. Enclosed find order for seeds.”

CALLIOPSIS (*Coreopsis*)

Very attractive, free-flowering plants of the easiest culture, thriving in any ordinary soil. The new hybrids are very showy and flowers range in color from bright yellow to deep old-gold shades and from blood-red to deep brown. Quite commonly two distinct colors are seen on one plant and even in one blossom. Height 6 in. to 2½ ft.

195 DRUMMONDI, GOLDEN WAVE. Bright yellow flowers with brown eyes. Pkt. 5 cts., oz. 25 cts.

196 HYBRIDA SUPERBA. A beautiful strain; quite bushy in habit, some medium, others tall. Colors, very bright and attractive, many individual plants having flowers of two different colors; in size, blossoms vary from small to large. 1 to 2 ft. Pkt. 5 cts., ½ oz. 20 cts.

197 NIGRA SPECIOSA. A strong growing sort with good sized flowers of rich reddish-maroon; 2 ft. Pkt. 5 cts., oz. 25 cts.

CANARY-BIRD VINE

200 A rapid-growing summer-climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings. Pkt. 5 cts., oz. 25 cts.

CARDINAL CLIMBER

(*Quamoclit Hybrida*)

203 (ANNUAL.) A beautiful climber; strong and rapid grower, with fern-like foliage and fiery red flowers. 28 to 30 ft. Pkt. 10 cts., 3 pkts. 25 cts.

CANDYTUFT (*Iberis Umbellata*)

A general favorite. Valuable for masses, edging and prized for cutting; free-flowering.

210 EMPRESS, or GIANT HYACINTH-FLOWERED. The finest of all the white varieties, being a complete mass of pure white flowers, in a pyramid of bloom. Pkt. 5 cts., oz. 50 cts.

212 LAVENDER. Delicate shade. Pkt. 5 cts., oz. 25 cts.

213 CRIMSON. Rich deep shade. Pkt. 5 cts., oz. 25 cts.

CARNATION (*Dianthus Caryophyllus*)

These, while belonging to the hardy perennials, may nearly all be flowered the first season by sowing early. Seedlings possess great vigor and, as a rule, produce more flowers than plants from cuttings.

219 GIANT MARGUERITE or MALMAISON. Early flowering; seed sown in February will flower in June. Fine for cut-flowers. Splendid mixture from largest flowers. 1 ft. Pkt. 10 cts., ¼ oz. 25 cts.

220 MARGUERITE, HALF-DWARF. Valuable cut-flower varieties; sweet-scented and bloom from July to frost, from Feb. sown seed. Flowers large, with rich colors. 1 ft. Pkt. 10 cts., ¼ oz. 25 cts.

221 CHABAUD'S EVERBLOOMING. Produces a high percentage of double flowers, blooming five to six months after sowing. Pkt. 25 cts.

CASTER BEAN

(See *Ricinus*)



CRISTATA NANA COCKSCOMB

CELOSIA CRISTATA

(*Cockscomb*)

Handsome and distinct; the comb-like heads may be grown to a large size and make fine decorative plants and unique beds.

230 CRISTATA NANA, EMPRESS. Enormous crimson heads; dark foliage; dwarf. Pkt. 10 cts., ¼ oz. 30 cts.

231 MIXED CRISTATA. Pkt. 5 cts., ¼ oz. 25 cts.

235 PLUMOSA. THOMPSONI MAGNIFICA. A mixture of improved varieties of splendid colors. 1½ ft. Crimson, gold-yellow and mixed. Pkt. 10 cts., ½ oz. 25 cts.

238 CHILDSI (CHINESE WOOLFLOWER). This attractive novelty is offered with other specialties on page 64.



CENTAUREAS

There is, perhaps, no more popular annual than the Centaurea. Will grow well anywhere and as a cut-flower is much in demand.

CORNFLOWERS (*Centaurea Cyanus*)

SOMETIMES CALLED BACHELOR'S BUTTON,
BLUE BOTTLE, RAGGED SAILOR, ETC.

This type of Centaurea is well known and no garden is complete without them. Seeds should be sown in the spring or fall. When large flowers are wanted, plants should be thinned out to a space of say 8 square inches.

254	Cyanus, Blue.	Well-known favorite	Pkt.	Oz.
	"	cut-flower.....	\$0.05	\$0.25
	"	Rose.....	.05	.25
	"	White.....	.05	.25
255	"	Mixed.....	.05	.25

GIANT SWEET SULTANS

(*Centaurea Imperialis*)

This beautiful class is undoubtedly the finest of all the Sweet Sultans for cutting purposes. Beautiful, deliciously sweet-scented flowers are borne on long, strong stems and are particularly striking, lasting several days after cutting. We recommend sowing in succession every two weeks from May until July, thereby giving a continuous bloom from summer to fall.

- 240 *Imperialis*, White. Large and exquisitely sweet-scented.
- 241 *Imperialis*, Purple. Brilliant rosy purple.
- 243 *Imperialis*, Rose. Brilliant rose.
- 244 *Imperialis*, Mixed. A select mixture of above colors.
Pkt. of any of the above, 10 cts.; $\frac{1}{4}$ oz. 25 cts.
- 245 SUAVEOLENS (YELLOW SWEET SULTAN, OR GRECIAN CORNFLOWER). Very showy, large, bright yellow flowers; sweetly scented and a popular sort for cutting, lasting well. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

WHITE-LEAVED CENTAUREAS

(*Dusty Millers*)

Fine for bedding, vases, hanging-baskets and pots; also extensively used for margins. As an edging to a bed of dark-leaved Cannas or Scarlet Sage these are particularly effective. Sow the seed early indoors, and transplant in May. (THE WHITE-LEAVED CINERARIAS ARE ALSO KNOWN AS DUSTY MILLERS.)

- 250 CANDIDISSIMA. Silvery white; leaves broadly cut. Per 1000 seeds, 50 cts.; pkt., 15 cts.
- 248 GYMNOCARPA. Fine-cut silvery foliage; $1\frac{1}{2}$ feet. Per 1000 seeds, 30 cts.; pkt., 10 cts.

CHRYSANTHEMUMS

(*Annual Varieties*)

Showy and effective garden favorites, extensively grown for cut flowers. The following hardy annuals are summer-flowering border plants, and quite distinct from the hardy perennial and autumn-flowering varieties:

- 271 CORONARIUM, DOUBLE MIXED. Yellow, white, etc. Pkt. 5 cts., oz. 30 cts.
- 270 SINGLE MIXED (PAINTED DAISIES). Many colors. Pkt. 5 cts., oz. 30 cts.

SHASTA DAISIES

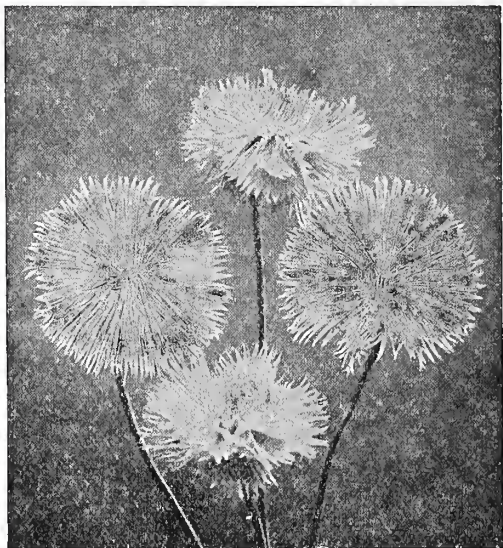
(*Chrysanthemum Leucanthemum*)

- 359 ALASKA. A splendid hardy perennial variety, with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlapping petals, and borne on long strong stems; a beautiful cut flower, remaining in good condition a week or more. 2 pkts. 25 cts., pkt. 15 cts.
- 360 SHASTA DAISY. A general mixture saved from a large number of extra choice hybrids, and certain to produce a large number of varieties of great merit. 2 pkts. 25 cts., pkt. 15 cts.

CINERARIA

Very distinct and ornamental house plants, with magnificent heads of velvety bloom, the colors of which include white, very delicate to very dark blue, all shades of pink, carmine and crimson, with bicolors of crimson and white, blue and white, etc. Splendid large flowers.

- 295 DWARF GIANT FLOWERING. Large-flowering, prize strain. Unsurpassed for richness of colors and perfection of form. $1\frac{1}{2}$ ft. Pkt. 25 cts.
- 298 HYBRIDA STELLATA (STAR CINERARIA). Star-shaped flower in many pleasing colors. 2 to 3 ft. Pkt. 25 cts.
- 299 MARITIMA (DUSTY MILLER). A beautiful foliage variety; pure white leaves; for pots and bedding. 1 ft. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.



CENTAUREA IMPERIALIS

CLARKIA

Hardy annuals; easily grown; flower freely, are showy in the border, good for cutting, and form nice pot-plants.

- 305 **DOUBLE MIXED.** 2 ft. All colors. Pkt. 5 cts.,
¼ oz. 25 cts.

CLEOME (*Spider Plant*)

Tall, bushy annual plant, branching freely and continuously in bloom. If protected during first winter it will live another season. 4 ft.

- 310 **PUNGENS.** Pink flowers. Pkt. 5 cts.

COIX LACHRYMAE (*Job's Tears*)

- 315 A strong, broad leaved ornamental grass, with large shining, pearly seeds; annual 2 to 3 ft. Pkt. 5 cts.,
oz. 10 cts.

COBEA

(Cups and Saucers Vine)

Well-known climber of rapid growth, producing large bell-shaped blossoms; in sowing, place the seeds edgewise, and merely cover with light soil.

- 320 **SCANDENS (PURPLE).** Pkt. 10 cts., ¼ oz. 20 cts.

COCKSCOMB

(See Celosia)

Albert Sharp, Massillon, O.—I received my orders promptly, your seed gave me excellent results.

COLUMBINE

(See Aquilegia)

COSMOS

Beautiful autumn-blooming plants. Produce thousands of beautiful flowers in white, pink and crimson shades, furnishing flowers for autumn decorations when other flowers are scarce. Should be sown in spring when danger of frost is past. Plant not less than 18 in. apart. When plants are a foot high, tops should be pinched out to induce a bushy growth.

- 329 **GIANT PINK LADY LENOX.** This, the latest development in this popular autumn flower, bears gigantic flowers, with wide, overlapping petals of splendid substance, making a perfectly circular flower, which is borne on very long stems, in color a beautiful deep rosy-pink. Pkt. 10 cts., ¼ oz. 25 cts.

- 330 **GIANT WHITE LADY LENOX.** A new white-flowered form of the above. Pkt. 10 cts., ¼ oz. 25 cts.

MAMMOTH PERFECTION. A magnificent selection, bearing flowers of mammoth size and perfect form.

- 331 **Crimson.** Pkt. 5 cts., ¼ oz. 20 cts.

- 332 **Pink.** Pkt. 5 cts., ¼ oz. 20 cts.

- 333 **White.** Pkt. 5 cts., ¼ oz. 20 cts.

A pkt. each of 3 colors for 10 cts.

- 334 **Mixed Mammoth.** Pkt. 5 cts., ¼ oz. 20 cts.

EXTRA EARLY COSMOS

Seeds sown in the open ground April 27th produced plants that were covered with bloom July 20th, two months before the late-flowering kinds. While the flowers are not so large as the late sort, they are of good size, having been greatly improved in the last year or two, and will undoubtedly perfect their blooms in the most northerly States.

- | | | |
|---|--------|--------|
| | ¼ oz. | Pkt. |
| 335 Crimson | \$0.25 | \$0.05 |
| 336 Pink | .25 | .05 |
| 337 White | .25 | .05 |
| A pkt. each of the 3 colors for 10 cts. | | |
| 338 Mixed. All colors | .20 | .05 |

COLEUS

- 325 **LARGE LEAVED.** Popular bedding plants with beautifully colored foliage; easily grown from seed if kept in warm temperature. Finest mixed. Pkt. 25 cts.

CYCLAMEN

A popular pot-plant for winter and spring flowering; blooms last a long time. Seedlings bloom in 8 to 10 months.

- 340 **SALMON.** Salmon Pink. Pkt. 40 cts.

- 342 **WHITE WITH CARMINE EYE.** Pkt. 35 cts.,
100 seeds \$1.00.

- 343 **PAPILIA (BUTTERFLY).** Beautifully fringed or waved; mixed colors. Pkt. 40 cts.

- 344 **PERSICUM.** Choice mixed. Pkt. 10 cts.

CYPRESS VINE

(*Ipomoea Quamoclit*)

One of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours. 15 feet.

- | | | |
|--|--------|--------|
| | Oz. | Pkt. |
| 351 Scarlet | \$0.30 | \$0.05 |
| 352 White | .30 | .05 |
| 350 Mixed. White and scarlet..... | .30 | .05 |
- 203 **QUAMOCLIT HYBRIDA (THE CARDINAL CLIMBER).** The best annual climber introduced in many years; beautiful fern-like foliage and brilliant cardinal flowers. 3 pkts. 25 cts., Pkt. 10 cts.

DAISY

(See Bellis)



COSMOS EARLY FLOWERING

DELPHINIUM (*Perennial Larkspur*)

There is perhaps no better known hardy plant than the Delphinium. The beautiful flowers borne on tall stately spikes are a gorgeous sight and a charm to the garden. Sow seeds in early spring in shallow boxes indoors or in a hotbed. When seedlings are about $\frac{1}{2}$ -inch high, transplant to flats 3 or 4 inches apart each way. About a week before planting out remove to the open, taking care to protect them on cold days and nights. Set out 6 inches apart in the garden. Plants treated thus usually flower first season during August. In the fall they may be lifted and set out in groups of colors; three or four plants at a distance of 3 feet apart, in the rear of hardy perennials, where they make a fitting background.

- 375 GOLD MEDAL HYBRIDS.** This splendid strain is of strong, vigorous habit, with immense spikes from 2 to 3 feet long, of large flowers mostly in fine shades of light blue. We doubt very much if this wonderful strain can be surpassed, and recommend all our patrons desirous of obtaining some choice plants to grow these hybrids. Pkt. 15 cts., 4 pkts. 50 cts.
- 376 ALBUM.** The white-flowered form of the preceding. Pkt., 5 cts., $\frac{1}{4}$ oz. 25 cts.
- 378 BELLADONNA** (EVERBLOOMING HARDY LARKSPUR). This is one of the finest and most continuous-blooming hardy Larkspur. The clear turquoise-blue of its flowers is not equaled for delicacy and beauty. 5 pkts. \$1.00, pkt. 25 cts.
- 379 CARDINALE.** A very beautiful cardinal-scarlet; plants grow about 18 inches high. Pkt. 15 cts., $\frac{1}{4}$ oz. 40 cts.
- 377 FORMOSUM.** Large; rich dark blue, white center; borne on spikes 2 to 3 feet tall; one of the most popular varieties. Pkt. 5 cts., $\frac{1}{4}$ oz., 25 cts.

DIANTHUS BARBATUS

(See Sweet Williams)

DIANTHUS, or PINKS

The family of Pinks is unrivaled for brilliancy and rich variety of color; the plants are bushy, of symmetrical form—blooming profusely until fall, rendering them most satisfactory for summer flower gardens. Sow out-of-doors when danger of frost has passed and they will, in several weeks become a mass of bloom, continuing until frost.

DOUBLE ANNUAL PINKS

- 398 CHINENSIS FL. PL.** (CHINA OR INDIAN PINK). Blooms in clusters, flowers very double and in a large range of bright colors. $\frac{1}{4}$ oz. 25 cts., pkt. 5 cts.
- 399 HEDDEWIGI FL. PL.** (DOUBLE JAPAN PINK). Double mixed. Colors varying from the richest velvety-crimson to the most delicate rose. $\frac{1}{4}$ oz. 25 cts., pkt. 5 cts.
- 396 FIREBALL.** Rich, blood-red flowers. Makes a striking contrast to the pure white variety Snowball. $\frac{1}{4}$ oz. 30 cts., pkt. 5 cts.
- 395 SNOWBALL.** Large double white, splendid for cutting or as a border. $\frac{1}{4}$ oz. 30 cts., pkt. 5 cts.
- 397 MOURNING CLOAK** (WHITE FRILL). Rich, blackish, velvety crimson, margined with pure white. $\frac{1}{4}$ oz. 30 cts., pkt. 5 cts.

SINGLE ANNUAL PINKS

All the single sorts have large flowers 2 to 3 inches in diameter; their many and brilliant colors make them very desirable for beds and borders; 1 foot.

- 391 "CRIMSON BELLE."** Rich velvety-crimson. $\frac{1}{4}$ oz. 25 cts., pkt. 5 cts.
- 390 "EASTERN QUEEN."** Beautifully marbled rose and mauve flowers. $\frac{1}{4}$ oz. 25 cts., pkt. 5 cts.
- 392 PUNCTATUS** (PRINCESS PINKS). A very novel variety, with fringed flowers, mottled, flaked, spotted and striped in the greatest diversity of colors. $\frac{1}{4}$ oz. 40 cts., pkt. 10 cts.
- 393 HEDDEWIGI** (SINGLE JAPAN PINK). Finest selected single-flowered, mixed. $\frac{1}{4}$ oz. 25 cts., pkt. 5 cts.



DIANTHUS (Pinks)

HARDY GARDEN PINKS(*Dianthus Plumarius*)

These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and make a fine edging to a hardy border.

- 408 PLUMARIUS** (GRASS PINK, SCOTCH PINK, OR PHEASANTEYE PINK). A beautiful single hardy Pink, with fringed-edged white flowers, with a dark centre. $\frac{1}{4}$ oz. 25 cts., pkt. 5 cts.
- 405 PLUMARIUS FL. PL.** (DOUBLE HARDY GARDEN PINKS). Double and semi-double varieties in beautiful colors. $\frac{1}{4}$ oz. 50 cts., pkt. 10 cts.
- 406 PLUMARIUS SEMPERFLORENS** (EVERBLOOMING HARDY GARDEN PINK). Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color. Pkt. 15 cts.

DIGITALIS(*Thimble Flower or Foxglove*)

These are beautiful perennials for the border, etc., and some are elegant pot-plants, blooming very readily in 4-in. pots in spring. For this purpose seed should be sown in August and grown slowly during the winter.

- 415 MONSTROSA** (MAMMOTH FOXGLOVE). The tall spikes are surmounted by one monstrous flower, all colors mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 40 cts.
- 419 GLOXINAEFLORA, MIXED.** All colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

DIMORPHOTHECA

- 425 AURANTIACA** (AFRICAN ORANGE DAISY). See page 63.

DOLICHOS (*Hyacinth Bean*)

Rapid growing climber, bearing a profusion of bean-like flowers.

- 430 DARKNESS.** A variety from Japan; rapid grower; flower reddish violet. Pkt. 5 cts., oz. 25 cts.
- 431 DAYLIGHT.** Identical to the above except in color, which is pure white. Pkt. 5 cts., oz. 25 cts.

EUPHORBIA

Plants with ornamental foliage; very showy and easily raised from seed; height 2 ft.

450 VARIEGATA (SNOW ON THE MOUNTAIN). Annual; foliage margined and veined white; 2 ft. Pkt. 5 cts., oz. 30 cts.

454 HETEROPHYLLA (MEXICAN FIRE PLANT). Annual. Large, glossy green leaves, turning orange scarlet in mid-season. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

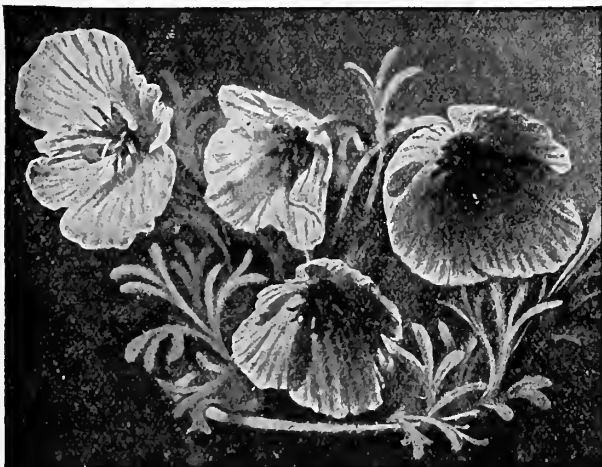
ESCHSCHOLTZIA (*California Poppy*)

An elegant hardy annual with fine cut foliage, and large, poppy-like flowers; in bloom from June until frost; fine for borders or large beds; 1 ft.

440 CALIFORNICA. Pure yellow. Pkt. 5 cts., oz. 30 cts.

441 GOLDEN WEST. Magnificent, large, deep golden-yellow flowers. Pkt. 10 cts., oz. 40 cts.

445 BURBANK'S CRIMSON FLOWERING. Beautiful, clear rosy crimson flowers, producing profusely. Pkt. 5 cts., oz. 50 cts.



CALIFORNIA POPPY

FEVERFEW (*Matricaria*)

460 DOUBLE WHITE. Hardy annual; free flowering; for bedding or pot culture; showy double white flowers; 18 in. Pkt. 10 cts., oz. 40 cts.

FORGET-ME-NOT (See *Myosotis*)

FOXGLOVE (See *Digitalis*)

FOUR O'CLOCK (See *Marvel of Peru*)

GALLARDIA (*Blanket Flower*)

A splendid garden flower and excellent for cutting. The large, highly colored, daisy-like flowers appear the entire season on stout erect stems often 15 to 18 in. in length.

466 AMBLYODON. Annual. Large, single, salmon-red flowers, deep crimson centers; very showy and nice for cutting; 2 ft. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

475 LORENZIANA, DOUBLE, FINEST MIXED (ANNUAL). Beautiful colors, flowering from mid-summer to frost; fine for bedding or cutting; 1 $\frac{1}{2}$ ft. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

479 FINEST MIXED. Annual. Pkt. 5 cts., oz. 30 cts.

HARDY PERENNIAL VARIETY

476 GRANDIFLORA COMPACTA. Fine, compact plants, blooming freely; flowers scarlet, margined yellow; 9 in. Pkt. 10 cts., $\frac{1}{4}$ oz. 15 cts.

GILLIFLOWER (See *Stock*)

GLOBE AMARANTH (*Gomphrena*)

Popularly known as Bachelor's Button, a first-rate bedding plant, the flowers resemble clover heads and can be dried and used in winter bouquets.

485 FINEST MIXED. Annual. 2 ft. Pkt. 5 cts., oz. 25 cts.

GODETIA (*Satin Flower*)

Very neat and free-flowering annuals that will be satisfactory for edging and for solid beds; for a blaze of color they will vie with the nasturtiums. Should not be planted in too rich soil. In bloom from June to Oct. Plant about 1 ft. apart.

490 FINEST MIXED. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

GOLDEN GLOW (See *Rudbeckia*)

GOURD (*Ornamental*)

Rapid growing annual climbers for covering arbors, fences, etc., with ornamental foliage and curious shaped fruit.

495 SUGAR TROUGH. Used as water holders. Pkt. 5 cts., oz. 25 cts.

496 DIPPER. Very useful. Pkt. 5 cts., oz. 25 cts.

497 JAPANESE NEST EGG. Pkt. 5 cts., oz. 25 cts.

498 PIPE CALABASH. Pkt. 5 cts., oz. 25 cts.

499 LUFFA (DISH-CLOTH, SPONGE OR BONNET GOURD). Pkt. 5 cts., oz. 30 cts.

GYPHOSOPHILA (*Baby's Breath*)

Annuals and perennials that will flower the first season. All have graceful panicles of small flowers that are elegant for cut-flower purposes.

520 PANICULATA. The perennial variety that is easily grown from seed, equally useful for cutting, and a fine border plant; branches may be used for winter bouquets; 3 ft. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

522 ELEGANS GRANDIFLORA ALBA. An improved large-flowered white form. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

HELIANTHUS

(*Sunflower*)

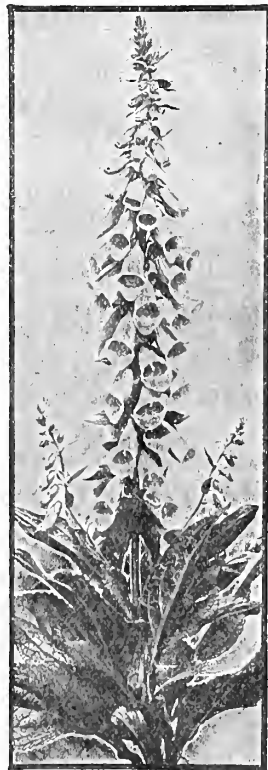
Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens.

530 CHRYSANTHEMUM FLOWERED. Rich, golden-yellow flowers, perfectly double, resembling a Chrysanthemum or Dahlia, 7 ft. Pkt. 5 cts., oz. 40 cts.

531 CUCUMBRIFOLIUS, STELLA. An improvement on the type. Large deep yellow flowers with dark discs; 2 ft. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

532 BRIGHT ROSY PINK.

Bright, rosy-pink rays with almost light tips. This we consider the loveliest color yet seen in sunflowers. Seeds warranted 80% true to name. Pkt. 15 cts., 2 pkts. 25 cts.



FOXGLOVE
See Page 72

HELIANTHUS (*Sunflower*)

- 535 **RED SUNFLOWER.** The plants vary in height from 5 to 8 ft., and throw out many side branches. Flowers are very numerous, of good form. The heads vary greatly in size, some are only 2 or 3 in. across, while others are a ft. or more. The color varies greatly, some plants produce flowers of a rich chestnut-red, others red flowers tipped with yellow, others washed with red. This variety in size and color makes a hedge or border of this annual especially interesting and attractive. **Pkt. 10 cts., 3 pkts. 25 cts.**

HELICRYSUM (*Strawflower*)

- 540 Effective double flowers, making a fine display in beds or borders; they succeed in any rich garden soil; give them plenty of room to develop, planting not closer than 12 in. apart; hardy annuals; 2½ ft. **Pkt. 5 cts., ¼ oz. 20 cts.**
- 541 Collection 6 colors, **25 cts.**

HELIOTROPE

Well known and highly prized plant on account of the delightful fragrance of the flowers; excellent for pots, or for bedding; 18 in.

- 545 **GIANTS.** Produces a profusion of flowers; nearly double the size of the old sort; mixed colors. **Pkt. 10 cts., ½ oz. 40 cts.**

HONESTY (*Moonwort, Satin Flower*)

- 548 Hardy biennials, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance; 2 ft. **Pkt. 5 cts., ¼ oz. 20 cts.**

HOLLYHOCK

One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 ft.

ANNUAL

- 550 **ANNUAL MIXED.** Will bloom first season if sown in the house in March. **Pkt. 10 cts., oz. \$1.00.**

PERENNIAL

- 555 **CHATER'S SNOW WHITE.** **Pkt. 10 cts., oz. \$1.25.**
- 556 **CHATER'S CANARY YELLOW.** **Pkt. 10 cts., oz. \$1.25.**
- 557 **CHATER'S PINK.** **Pkt. 10 cts., oz. \$1.25.**
- 558 **CHATER'S DEEP ROSE.** **Pkt. 10 cts., oz. \$1.25.**
- 560 **ALLEGHENY MIXED.** Semi-double; mammoth flowers, edges fringed and lacinated; mixed. **Pkt. 10 cts., oz. \$1.00.**

HUMULUS (*Japanese Hop*)

A rapid growing annual climber with luxuriant foliage.

- 571 **VARIEGATIS.** Leaves mottled with white. **Pkt. 5 cts., oz. 50 cts.**

HUNNEMANNIA

(Giant Yellow Tulip Poppy, or Bush Eschscholtzia.)

- 575 **FUMARIAEFOLIA.** Produces in profusion large, yellow, poppy-like blossoms. In bloom from mid-summer until frost. **Pkt. 10 cts., ¼ oz. 25 cts.**

HYACINTH BEAN

(See *Dolichos*)

IBERIS (*Hardy Candytuft*)

- 578 **SEMPERVIRENS.** A profuse white-blooming, hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc. 1 ft. **Pkt. 15 cts.**

ICE PLANT (See *Mesembryanthemum*)

IMPATIENS (*Sultan's Balsam*)

A charming plant for house and conservatory decoration.

- 580 **HOLSTII HYBRIDS.** The colors offered in these New Hybrids are beautiful and of many shades. **Pkt. 15 cts.**

- 581 **SULTANI HYBRIDA.** Colors ranging from pale pink to dark crimson. **Pkt. 15 cts.**

IPOMOEA (*Moonflower*)

Climbers of rapid growth, with beautiful, varied flowers; for covering walls, trellises, arbors or stumps of trees they are invaluable; it is well to soak the seed in warm water over night to assist in rapid germination.

- 586 **MEXICANA GRANDIFLORA ALBA.** Very large, pure white, flowers, opening in the evening and on dark, cloudy days. Very rapid grower. Will reach out 30 to 40 ft. Will germinate in 12 to 15 days. **Pkt. 10 cts., oz. 50 cts.**

- 203 **QUAMOCLIT HYBRIDA (THE CARDINAL CLIMBER).** The finest new annual climber introduced in many years. **Pkt. 10 cts.**

- 587 **RUBRA COERULEA (HEAVENLY BLUE).** Immense flowers of bright sky-blue; very beautiful. **2 pkts., 25 cts., pkt. 15 cts.**

JAPANESE HOP (See *Humulus*)

JOB'S TEARS (See *Coix*)

KOCHIA

(*Summer Cypress or Mexican Fire Bush*)

- 590 **TRICOPHYLLA.** A very handsome, symmetrical plant, forming beautiful globose specimens without pruning or pinching; leaves assume crimson tint in the fall; 3 ft. **Pkt. 5 cts., ¼ oz. 50 cts.**

LANTANA

Verbena-like clusters of flowers, some changing color as the bloom ages. They are handsome bedding plants and beautiful for pots. The habit of the New Hybrids is a great improvement, these being fine, dwarf and compact plants. Seed may be sown as late as March.

- 600 **HYBRIDA COMPACTA.** New dwarf varieties. Fine mixed. **Pkt. 10 cts., ¼ oz. 25 cts.**



LANTANA

ANNUAL LARKSPURS

These are among the best-known garden flowers, and in recent years a vast improvement has been effected by careful selection in size and color of the blossoms and the general habit of the plant. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds or lines, and their free, graceful habit and bright colors are very effective when interspersed in the old-fashioned flower or shrubby border. They stand well when cut, and a vase of one or mixed colors is indeed charming.

- 370 DWARF DOUBLE ROCKET.** Among the first to flower. Very choice strain; mixed. Pkt. 5 cts., oz. 25 cts.
- 371 TALL DOUBLE ROCKET.** Fine mixed, many shades; 2 ft. Pkt. 5 cts., oz. 25 cts.
- 373 TALL DOUBLE, STOCK-FLOWERED, MIXED.** These are early varieties, fine for borders or among shrubs and useful for cutting. Beautiful shades, 2½ ft. Mixed. Pkt. 5 cts., oz. 50 cts.

LATHYRUS

(*Everlasting, or Hardy Sweet Pea*)

The hardy, everlasting Sweet Pea, with flowers much like the annual sort, but without fragrance. Produces showy, climbing vines suitable for screens, trellises, etc., and flowers all summer.

- 605 LATIFOLIUS MIXED.** Pkt. 5 cts., oz. 40 cts.

LAVATERA (*Annual Mallow*)

- 610 SPLENDENS ROSEA.** A compact shrubby-like annual plant with glossy foliage and bright pink mallow-like flowers; splendid for cutting and decorative work; easily raised from seed. Pkt. 10 cts., ¼ oz. 25 cts.

LAVENDER (*Lavendula Vera*)

- 615** Well-known hardy perennial, bearing long spikes of fragrant blue flowers; 18 in. Pkt. 5 cts., oz. 75 cts.

LINARIA (*Kenilworth Ivy*)

- 620 CYMBALARIA MAXIMA.** Glossy, ivy-like foliage. New, large-flowered varieties. Color, white to rose. Very neat trailing plant for boxes, baskets, etc. Pkt. 10 cts.

LINUM (*Scarlet Flax*)

- 625 GRANDIFLORUM RUBRUM.** Ideal for bedding; dwarf and compact, with light-green foliage and bright scarlet flowers; annual, 1 ft. Pkt. 5 cts., oz. 25 cts.

LOVE-IN-A-MIST

(See *Nigella*)

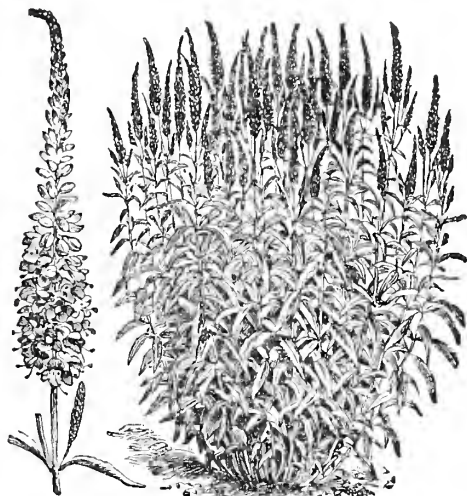
LOBELIA

Annuals and perennials that are extensively used for bedding, being valuable for blue edging. Also elegant for baskets, pots, etc. Require a good soil for best effect.

- 630 CRYSTAL PALACE COMPACTA.** Foliage dark; flowers rich, deep blue; the best bedder. Pkt. 10 cts., ½ oz. 50 cts.
- 631 EMPEROR WILLIAM.** Deep blue; dwarf and nice. Pkt. 10 cts., ½ oz. 60 cts.
- 633 HAMBURGIA.** Blue trailing. Pkt. 10 cts., 3 pkts. 25 cts.
- 634 CARDINALIS (CARDINAL FLOWER).** A native species, succeeding best in rather moist situations; flowers intense scarlet; August to October. 2 ft. Pkt. 25 cts., ½ oz. \$1.25.

LUPINUS (*Lupine; Sun-Dial*)

Free flowering, easily grown plants with long spikes of pea-shaped flowers; excellent for cutting; will bloom in 6 weeks after sowing; 2 ft. **640 MIXED.** Annual sorts. Pkt. 5 cts., oz. 20 cts.



LUPINUS

MARIGOLD (*Tagetes*)

(Also See *Calendula*)

Old-fashioned annuals, always satisfactory, giving a fine display from mid-summer to frost from outdoor-sown seed; for earlier bloom seed should be started in frames.

- 650 LEMON QUEEN.** Very large, globular, double canary-yellow flowers. Erect, branching habit; 2 ft. Pkt. 5 cts., oz. 75 cts.
- 651 ORANGE PRINCE.** Flowers very large, of a deep orange color. Pkt. 10 cts., oz. 75 cts.
- 652 LARGE AFRICAN.** Tall double mixed. Pkt. 5 cts., oz. 30 cts.
- 653 FRENCH LEGION OF HONOR.** Single; bright yellow with dark crimson spots or blotches; a good bedder; 9 in. Pkt. 5 cts., oz. 35 cts.
- 654 FRENCH DWARF DOUBLE MIXED.** Pkt. 5 cts., oz. 30 cts.
- 655 FRENCH STRIPED GOLD.** Double, brownish-red striped. Pkt. 5 cts., oz. 30 cts.

Clayton A. Briggs, Salem, O.—We were very well pleased with all the seeds received from you last year.

MATRICARIA

(See *Feverfew*)

MARVEL OF PERU (*Four O'clocks*)

- 660 CHOICE MIXED.** Bushy plants of easy culture, producing hundreds of flowers during the entire summer; very showy in the garden; 2 ft. Pkt. 5 cts., oz. 15 cts.

MESEMBRYANTHEMUM

Interesting dwarf ornamental foliage plants of great beauty; love a sunny situation, bloom all summer.

- 665 CRYSTALLINUM (ICE PLANT).** Flowers white; foliage covered with ice-like globules. Pkt. 5 cts., ¼ oz. 15 cts.



MORNING GLORY

MIGNONETTE

Valuable for cutting on account of its fragrance; sow in succession during the whole summer; may also be forced in greenhouses during winter.

- 670 MILES' SPIRAL. Of strong, branching habit, with spikes from 8 to 10 in. long; very fragrant. Pkt. 5 cts., oz. 25 cts.
- 671 LARGE FLOWERING MIXED. Pkt. 5 cts., oz. 25 cts.
- 673 GOLDEN MACHET. Distinct variety of Machet, with massive spikes of golden-yellow blossoms. Pkt. 10 cts., oz. 50 cts.
- 674 GOLIATH. Giant trusses of red flowers, borne on long, heavy spikes. One of the best for growing indoors; 1 ft. Pkt. 10 cts., oz. 50 cts.
- 675 DEFIANCE. Spikes of great length with large flowers; fine cut-flower variety; 1 to 1 1/4 ft. Pkt. 10 cts., oz. 60 cts.
- 676 PARSON'S WHITE. Large spikes, pure white, very fragrant. Pkt. 5 cts., oz. 35 cts.

Mrs. M. Anderson, Mayville, N. Dak.—The seeds and bulbs we received, we were very well pleased with.

MIMOSA (*Sensitive Plant*)

- 680 PUDICA. Curious, interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken; 1 1/2 ft. Pkt. 5 cts., 1/8 oz. 20 cts.

MIMULUS

Showy, profuse-flowering plants; fine for greenhouse or moist, shady situation. Annual, blooming the first year from seed if sown early; 1 ft.

- 685 MOSCHATUS (MUSK PLANT). Fine for hanging-baskets, etc.; small yellow flowers, fragrant foliage. Pkt. 10 cts., 3 pkts. 25 cts.
- 686 TIGRINUS (MONKEY FLOWER). Very beautiful, large-flowered, tigered and spotted; very showy; 9 in. Pkt. 10 cts., 3 pkts. 25 cts.

D. E. Werner, Diamond, O.—I received my order and everything was in good condition.

MOMORDICA (*Annual*)

Ornamental vine for trellis, etc.; flowers followed by golden yellow, warty fruits; 10 ft.

- 688 BALSAMINA (BALSAM APPLE). Apple-shaped. Pkt. 5 cts., oz. 30 cts.
- 689 CHARANTIA (BALSAM PEAR). Pear-shaped Pkt. 5 cts., oz. 30 cts. Golden Yellow; tall. Pkt. 5 cts., oz. 40 cts.

MOON FLOWER

(See Ipomea)

MORNING GLORY (*Convolvulus*)

One of the most popular annual climbers. Rapid grower.

- 695 JAPANESE IMPERIAL. Flowers of large size, and great variety of colors. Pkt. 5 cts., oz. 25 cts.
- 696 GIANT MIXED. All shades; mammoth size. Pkt. 5 cts.
- 697 HEAVENLY BLUE. Charming and distinct. Flowers are extra large in size, a lovely light blue, outlined with a narrow band of silvery white. Pkt. 10 cts., oz. 35 cts.

MOURNING BRIDE

(See Scabiosa)

MYOSOTIS (*Forget-me-not*)

These are lovely plants for moist and shady situations. Although biennials, these flower the first year from seed. Sown in spring they flower in the fall; if wanted for spring-flowering sow in July and transplant in the fall; 1 ft.

- 700 ALPESTRIS, VICTORIA. Dwarf and bushy. Also very early, flowering 8 to 10 weeks after sown; large bright blue flowers. Pkt. 10 cts., 1/8 oz. 35 cts.
- 701 ALPESTRIS, MIXED. Pkt. 5 cts., 1/4 oz. 25 cts.
- 703 PALUSTRIS. The true "Forget-me-not." Bright blue flowers. Pkt. 10 cts., 1/8 oz. 50 cts.

NASTURTIUMS (*Tall or Climbing*)

For covering trellises, fences, arbors, piazzas, trailing from vases, over rockwork, etc., nothing can equal the gorgeous effect produced by their great quantities of bloom from early summer until frost; height, 8 to 10 ft.

- 711 MIDNIGHT. Foliage very dark green, flowers deep brownish red. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 40 cts.
- 712 ROSE. A lovely shade of rose. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 40 cts.
- 714 JUPITER. Large, golden-yellow flowers, on long stems. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 40 cts.
- 715 SUNLIGHT. Pure, rich butter-yellow flowers, often 3 in. across. Pkt. 10 cts., oz. 15 cts., 1/4 lb. 40 cts.
- 716 MOONLIGHT. Very light cream flowers, of largest size. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 40 cts.
- 717 TWILIGHT. Large, beautiful flowers, salmon-rose, suffused scarlet. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 40 cts.
- 718 CRYSTAL PALACE. Bright orange-scarlet, marked with bronze. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 40 cts.
- 721 HOLCO TALL FINEST MIXED. All shades blended. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. \$1.00.



NASTURTIIUMS

NASTURTIIUMS

(*Tom Thumb, Dwarf or Bedding*)

- 730 AURORA. Rich yellow, veined carmine. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.
- 731 CRYSTAL PALACE GEM. Sulphur yellow, spotted maroon. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.
- 732 DEEP CRIMSON. Deep velvety red, brown and brownish crimson. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.
- 733 RUDOLPH VIRCHOW. Soft rosy pink. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.
- 734 MIDNIGHT. Plants of extremely dark green foliage. Flowers deep brownish red. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.
- 735 ROSE PINK. Soft rose color. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.
- 736 PEARL. Creamy white. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.
- 737 QUEEN. Dwarf, dense bushes, with variegated foliage and flowers in a large variety of colors. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.
- 740 HOLCO DWARF FINEST MIXED. All shades blended. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts.

A. M. Rowland, Athens, O.—My previous order came all O. K. and was very satisfactory.

NICOTIANA (*Tobacco*)

- 755 AFFINIA (TUBEROSE-FLOWERED TOBACCO). Sweet scented, pure white, tubular flowers, blooming continually; annuals; 2 to 3 ft. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.
- 757 SANDERAE. A splendid type in a great variety of colors. Pkt. 10 cts., 3 pkts. 25 cts.

NIGELLA (*Love in a Mist*)

- 765 DAMASCENA. Showy, hardy annual, with finely-cut foliage, and centaurea-like flowers, blue and white mixed; 1 ft. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts.

PEA, EVERLASTING

(See Lathyrus)

PENSTEMON (*Beard Tongue*)

A beautiful perennial plant producing large spikes of handsome flowers.

- 820 LARGE FLOWERING MIXED. Producing large spikes of handsome flowers; 3 ft. Pkt. 5 cts., $\frac{1}{8}$ oz. 20 cts.

THE CHILDREN'S FLOWER GARDEN

We have carefully selected certain varieties of seeds which grow, so to speak, by themselves with the least care, all annuals, which sprout rapidly, the little folk being the most eager for results. A little seed, a bulb or two, a few pennies, worth, and the child will know more real joy and pleasure than many a one with the largest estate tended by skilled gardeners.

SEEDS THAT WILL GROW WITH LITTLE CARE

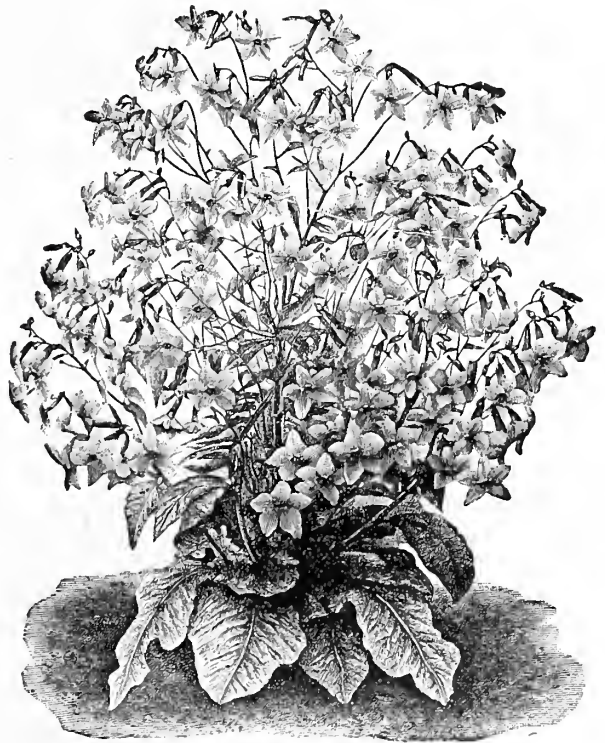
Asters	Zinnias	Nasturtiums
Calendula	Sweet Alyssum	Balsams
Centaurea (Bachelors' Button)	Candytuft	Cosmos
Petunias	Eschscholtzia	Marigold
Sweet Peas	Poppies	Portulaca
Verbena	Ricinus	Pinks
	Mignonette	Annual Phlox

The 20 packets for 50 cts.

10 packets, your choice, 30 cts.

5 packets, your choice, 20 cts.

H. D. Stine, West Salem, O.—Received Seeds in first class condition. Many thanks.



NICOTIANA AFFINIA



HOLCO GIANT PRIZE STRAIN

"Holco" Fancy Pansies

If your soil is not of the quality of first-class potting soil prepare your beds for sowing as follows: (1) Your ground being perfectly clean and free of weeds and trash, pulverize the soil to a depth of 6 or more inches. (2) On the level surface spread evenly a layer of pulverized manure, barnyard scrapings preferred, to a depth of at least 1 inch. (3) Overlay manure with half inch of the best soil you have thoroughly pulverized. (4) Roll or rake down and tamp surface true and smooth. (5) Use the hose freely and soak down the bed several inches. (6) Sow your seeds in drills or broadcast—we sow broadcast. (7) Cover as lightly as possible with your best soil or sand. Sand is best. (8) Use light spray of water to moisten surface. (9) Allowing plenty of ventilation, keep your beds moist, quite moist, but not soaking wet until plants come up.

Never allow your beds to become dry. Any dryness after seeds sprout is ABSOLUTELY FATAL.

These directions are for sowing in the open field, but will apply when using flats or cold frames. We use 60 to 75 square ft. to sow an ounce of seed. We estimate 5 to 6 thousand plants per ounce. We have reports as high as 11 thousand per ounce. One grower reports 1200 plants from 1-12 ounce.

When ordering, ask for our Leaflet on Pansies Culture.

Giant Pansies in Mixtures

HOLCO GIANT PRIZE STRAIN

This strain contains the best pansies we know of. Besides colors and shades of our own selection it contains such novelties and varieties from other growers as we have found worth while after careful trials.

It will produce flowers of large size, splendid form and substance and in the widest range of shades and colors.

1/8 oz. \$1.00, pkt. 25 cts.

775 HOLCO GIANT EXHIBITION. This is a fine strain, the flowers being of perfect form and richest colors. For frame culture this variety is unexcelled, producing flowers of great size and perfection; equally good out of doors. 1/8 oz. 75 cts., pkt. 25 cts.

777 MASTERPIECE (FRILLED PANSY). A remarkable type, each petal being conspicuously curled or waved. The range of color is very extensive, the rich, dark, velvety shades predominating. 1/8 oz. 75 cts., pkt. 25 cts.

Mrs. S. J. Smith, Morrisonville, Wisc.—We were well pleased with seeds obtained from you.

778 MASTODON MIXED. Extra large, colors are wonderful; something worthy of trial. Pkt. 25 cts., 1/8 oz. 75 cts.

781 MME. PERRET. A new and beautiful strain, originated with a French specialist, flowers of large size borne very freely in great diversity of colors, especially rich in red and wine shades. The stock we offer comes direct from the introducer. 1/8 oz. 60 cts., pkt. 25 cts.

780 TRIMARDEAU or GIANT MIXED. Pkt. 10 cts., 1/4 oz. 50 cts., oz. \$1.50.

784 FINE MIXED. Pkt. 5 cts., 1/4 oz. 25 cts.

Giant Pansies Separate Colors

785 BRIDESMAID. A beautiful clear white, with shining rose-colored blotch; a rare pansy of large size. Pkt. 15 cts.

786 BRONZE MASTODON. New, very large. All the different shades from burnished brass to gold. Pkt. 10 cts.

787 BLACK MASTODON. NEW. The finest and largest black. Pkt. 10 cts.

788 EMPEROR WILLIAM. Rich deep blue. Pkt. 10 cts.

791 GRAND DUKE MICHEL. The finest and largest all-white pansy in the world. Pkt. 10 cts.

792 LORD BEACONSFIELD. Purple violet shading to white. Pkt. 10 cts.

793 MADAME STEELE. Elk's purple. Pkt. 10 cts.

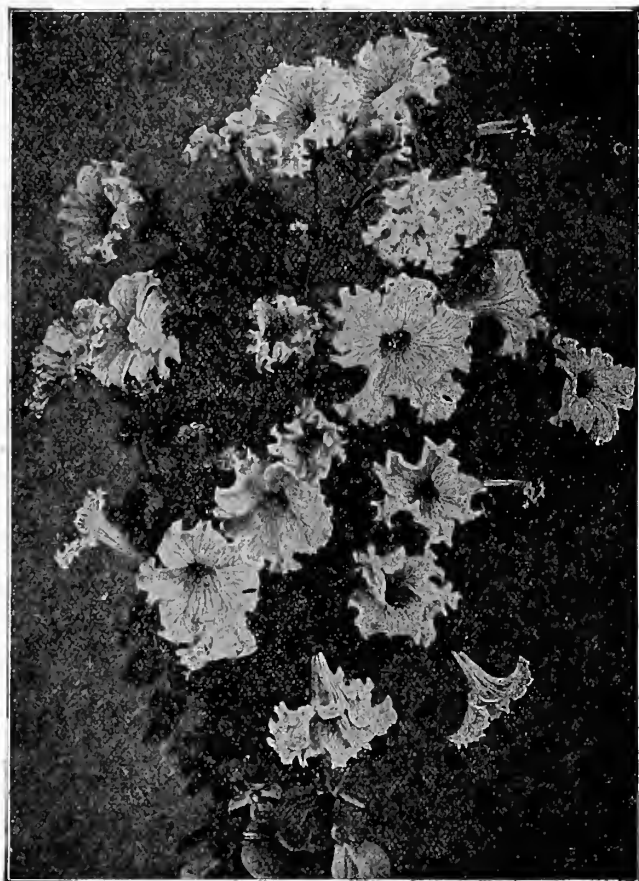
794 MERCURY. Deep black-purple-red. Pkt. 10 cts.

795 PANAMA-PACIFIC YELLOW. New. A huge deep yellow; some with dark centers, some without. Pkt. 10 cts.

796 PARISIAN YELLOW. A pure yellow of the grandest form and size. Pkt. 10 cts.

797 PRINCE HENRY. Rich royal blue. Pkt. 10 cts.

Collection, containing a packet each of above named sorts, 90 cts.



PETUNIA RUFFLED FRINGED GIANTS

PETUNIA

There is no more deserving flower than the Petunia. Quick to bloom in the early summer, gives a bright display long after the first frost has wrought its damage; seeds must be carefully handled as they are extremely fine, but the plants are of easiest culture.

SINGLE

- 825 **GIANT OF CALIFORNIA.** One of the largest varieties; bright and desirable colors; strong, robust plants. **Pkt. 15 cts.**
- 826 **HOWARD'S STAR.** Very free-flowering. A blush-pink star on maroon ground. **Pkt. 10 cts., 1/8 oz. 50 cts.**
- 827 **RUFFLED FRINGED GIANTS.** Flowers of extraordinary size. Exquisitely fringed, ruffled on the edges, in endless varieties of colors, markings, veinings, blotches and stripings, with deep throats of maroon, yellow, white, black or green. **Pkt. 20 cts.**
- 828 **ROSY MORN.** A lovely rose shade with yellowish throat; bushy and very free. 6 in. **Pkt. 10 cts., 1/8 oz. 50 cts.**
- 830 **FINEST MIXED.** **Pkt. 5 cts., 1/4 oz. 25 cts., oz. 75 cts.**

Geo. Brown, Mineral Ridge, O.—I received the shipment of seeds all in good condition.

PETUNIA—Continued

DOUBLE FLOWERED

- 832 **LARGE-FLOWERING, FRINGED, MIXED.** A superb mixture of finely fringed varieties in many colors. **Pkt. 25 cts.**

PERIWINKLE

(See Vinca)

T. J. Mason, Grafton, O.—Thanking you for your promptness in filling previous orders.

PHLOX DRUMMONDI

The PHLOX DRUMMONDI is one of our best annuals, flowering freely all the summer. For richness of color they cannot be surpassed. They are invaluable for beds and ribbon-gardening, therefore no garden should be without them. They should be sown outdoors in May, in a situation well open to the sun, and they will flower and be a mass of color in July and continue until late autumn. Seeds may be sown in a hotbed in March and flowers be had in June.

- 840 **PHLOX DRUMMONDI.** Mixed colors. **1/4 oz. 25 cts., oz. 75 cts., Pkt. 5 cts.**
- 845 **STAR PHLOX (STELLATA).** Of dwarf habit, with very pretty star-shaped flowers. A novel variety; mixed colors. **1/4 oz. 40 cts., pkt. 10 cts.**
- 847 **HARDY PERENNIAL PHLOX.** Hardy herbaceous perennial and quite distinct from the varieties of Phlox Drummondii offered above, which are annuals. For best results should be sown as soon as frost is out of the ground in spring or as soon as gathered in the autumn. **1/4 oz. 50 cts., pkt. 10 cts.**

PINK

(See Dianthus)

Percy Lewis, Grafton, O.—The seeds I received were very nice.



PHLOX DRUMMONDI

POPPIES

Annuals and hardy perennials. Poppies are unsurpassed for brilliancy of color, from the charming little Shirley to the gorgeous peony-flowered, are subjects of lavish admiration. As they do not transplant satisfactorily, it is advisable to sow where they are to remain. Many are elegant for cutting, particularly the Shirleys; these, if picked early in the morning with buds just showing color, will be found durable for 2 days or more.

SINGLE ANNUAL POPPIES

850 HOLCO SELECT SHIRLEY. This is an extra fine strain of these charming poppies. They are single, and range in colors from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood-red, while many are edged and striped. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25.

851 TULIP FLOWERED. A beautiful poppy, resembling a large tulip; color, a dazzling scarlet; 1 ft. $\frac{1}{4}$ oz. 25 cts., pkt. 5 cts.

DOUBLE ANNUAL POPPIES

854 CARDINAL. Large; fringed; scarlet; very effective. Pkt. 5 cts., oz. 30 cts.

855 CARNATION FLOWERED. A splendid border variety. Large, very double, fringed flowers in brilliant colors; $2\frac{1}{2}$ ft. Pkt. 5 cts., oz. 20 cts.

857 MIKADO (THE STRIPED JAPANESE POPPY). This beautiful Poppy is very distinct in character and color. The flowers are brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Pkt. 5 cts., oz. 25 cts.

858 PAEONY FLOWERED. Large, showy, double globular flowers, resembling a double peony, mixed colors. Pkt. 5 cts., oz. 20 cts.

Mrs. Lillian E. Muckelburg, Wellington, O.—The seeds I received from you were perfectly satisfactory.

HARDY PERENNIAL POPPIES

These varieties may be sown from July to Sept. to flower the following season, though the Iceland variety will flower the first season from seed sown in Feb.

860 ICELAND. Very graceful, dwarf plants containing over 20 shades; 1 ft. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

861 ORIENTALE (ORIENTAL POPPY). Gigantic, dark scarlet flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

862 ORIENTAL HYBRIDS. A splendid mixture of all colors, rose, lilac and mauve shades included; very fine for cutting. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.

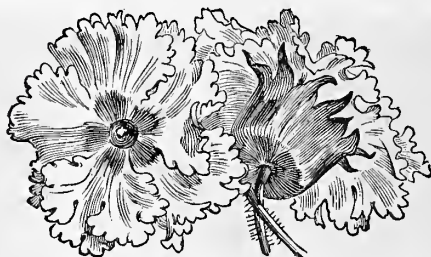
864 MRS. PERRY (ORIENTAL). Rich salmon pink. Pkt. 10 cts.

PORTULACA (*Sun Plant*)

Dwarf-growing plants of easy culture; thriving best in a light, sandy soil and a sunny situation; flowers of the brightest colors.

870 SINGLE MIXED. All colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

871 DOUBLE MIXED. All colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.



PRIMULA SINENSIS

PRIMULA (*Primrose*)

Beautiful house plants that are quite readily grown from seed, which should be sown thinly so that earliest plants may be removed without disturbing seed that will germinate later.

PRIMULA SINENSIS

(*Chinese Primrose*)

This beautiful Chinese Fringed Primrose is indispensable for spring decoration in the home or conservatory, and ranks as one of the finest of all winter-blooming pot-plants grown by the florist or the home gardener. Our Giant Fringed strain is of the highest merit and is carefully selected.

875 GIANT MIXED. Superb mixture. Pkt. 50 cts.

977 DOUBLE MIXED. Pkt. 25 cts.

878 STAR PRIMULAS (PRIMULA SINENSIS STELLATA). Very fine as pot-plants or for cutting, remaining fresh for many days. Mixed. Pkt. 25 cts.

PRIMULA OBCONICA

882 OBCONICA GIGANTEA MIXED. Pkt. 20 cts.

880 PRIMULA KEWENSIS (VERBENA SCENTED YELLOW PRIMROSE). Spikes each 12 to 18 in. long, and bearing 4 to 6 whorls of bloom; color soft yellow. Pkt. 25 cts.

885 MALACOIDES. If grown in a greenhouse it will bloom in 4 to 5 months after sowing; color, a pretty light-lilac. Pkt. 25 cts.

889 FORBESI (BABY PRIMROSE). This is the freest-flowering primula we know of. The little plants throw up tiny flower stalks when only a few weeks old. These should be pinched off and the plants kept growing until Oct., and from then on until late in spring they produce their sprays of beautiful rosy-lilac flowers in profusion. Pkt. 25 cts.

HARDY PRIMROSES

890 JAPONICA (JAPANESE PRIMROSE). Bright and showy flowers; borne in whorls on stems 6 in. long. Pkt. 10 cts.

PYRETHRUM

- 895 **ROSEUM HYBRIDUM GRANDIFLORUM.** New large or giant-flowered varieties, ranging from light pink to carmine-red. Elegant for cutting, plants perfectly hardy. Mixed colors; 2 ft. Pkt. 10 cts., $\frac{1}{4}$ oz. 65 cts.
- 896 **DOUBLE AND SEMI-DOUBLE VARIETIES.** A fair percentage come true from seed; 2 ft. Pkt. 25 cts.
- 898 **AUREUM (GOLDEN FEATHER).** Fine little plant for bordering and edging beds, contrasting very nicely with its bright yellow foliage. 6 in. $\frac{1}{4}$ oz. 20 cts.

RHODANTHE (*Everlasting Flower*)

- 900 A beautiful annual for the garden or for pot culture; mixed colors; 1 ft. Pkt. 5 cts.

RICINUS (*Castor Oil Bean*)

These ornamental plants are used with great effect on lawns, as centerpieces in flowering beds such as cannas, etc.

- 995 **BORBONIENSIS.** Beautiful green foliage; 15 ft. Pkt. 5 cts., oz. 15 cts.
- 996 **ZANZIBARIENSIS.** Enormous leaves varying in color from light green to purplish red; 12 ft. Pkt. 5 cts., oz. 15 cts.
- 999 **MIXED.** All sorts. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.

RUDBECKIA (*Coneflower*)

Tall growing plants, flowering profusely all summer.

- 1005 **BICOLOR SUPERBA.** Yellow flowers with brownish disc in center; annual; 2 ft. Pkt. 10 cts.
- 1006 **NEWMANI (GOLDEN GLOW).** Large yellow flowers with black center; perennial; 3 ft.; all summer. Pkt. 10 cts.

SALPIGLOSSIS (*Painted Tongue*)

Easy growing annual plants with large funnel-shaped flowers, beautifully tinted and veined in rich shades; blooms from early summer until late fall; 18 in. Excellent.

- 1010 **EMPEROR, CHOICE MIXED.** Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.

SNAPDRAGON (See *Antirrhinum*)

SENSITIVE PLANT (See *Mimosa Pudica*)

SCARLET RUNNER (See *Bean*)



SALVIA ZURICH

SALVIA (*Scarlet Sage*)

This popular bedding plant is impossible to be replaced. There is nothing more effective in the fall or mid-summer than these bright scarlet flowers. Seeds should be started either in the house from Feb. until April or in hot beds. May be sown in the open ground in May.

- 1015 **ZURICH.** A new dwarf, free and early-flowering variety. A splendid bedder; $1\frac{1}{2}$ ft. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts.
- 1016 **SPLENDENS (SCARLET SAGE).** Tall variety, very rich and free; late; 3 ft. Pkt. 5 cts., $\frac{1}{4}$ oz. 40 cts.
- 1017 **BONFIRE (CLARA BEDMAN).** Compact bushy plants 2 ft. high, producing innumerable erect spikes of the most brilliant scarlet flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 75 cts.

SCABIOSA

(*Mourning Bride, Sweet Scabious, Pin-Cushion Flower, etc.*)

Free-flowering annuals of easy culture; splendid for cutting or garden effect; should be in every collection.

- 1020 **FINEST MIXED.** Pkt. 5 cts., oz. 50 cts.

STOCKS (*Gilliflower*)

General favorite for bedding; excellent for pot-plants or cutting. August-sown seed will produce fine plants for spring pot sale or cutting. Seed sown under glass in March will supply nice bedding plants in light soils and may be sown outside in April and May and will afford bloom from summer until frost. All delightfully fragrant.

IMPROVED LARGE-FLOWERING 10-WEEK STOCKS

This is the leading class for bedding out for summer blooming, coming into flower quicker than other types.

- 1030 **MIXED.** Double large-flowering. Pkt. 5 cts., $\frac{1}{8}$ oz. 50 cts.
- 1031 **SNOWFLAKE.** A dwarf 10-week wallflower-leaved variety with large double snow-white flowers; fine for pot culture. Pkt. 15 cts.

CUT-AND-COME-AGAIN 10-WEEK STOCKS

Sown in March or April, begin flowering in July, continuing until frost, especially valuable during Sept. and Oct., when other flowers are scarce. All bear very double, fragrant flowers.

- 1035 **PRINCESS ALICE.** White. Pkt. 10 cts.
- 1036 **CANARY.** Pkt. 10 cts.
- 1037 **LIGHT BLUE.** Pkt. 10 cts.
- 1038 **DARK BLOOD RED.** Pkt. 10 cts.
- 1039 **BEST MIXED.** Pkt. 10 cts.

EARLY BROMPTON or "NICE" STOCKS

- 1045 **BEAUTY OF NICE.** Delicate flesh-pink. Pkt. 15 cts.
- 1046 **CANARY YELLOW.** A beautiful clear yellow. Pkt. 15 cts.
- 1047 **CRIMSON KING.** Rich blood crimson. Pkt. 15 cts.
- 1048 **QUEEN ALEXANDRIA.** Soft rosy-lilac. Pkt. 15 cts.

STOKESIA (*Cornflower Aster*)

Plants grow about 15 to 18 in. high, bearing freely from July to Oct. handsome Centaurea-like blossoms, each measuring from 4 to 5 in. across; it is of easy culture, and one of the most desirable plants for the hardy border, and also for cutting.

- 1060 Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

STRAW FLOWER

(See *Helichrysum* and *Rhodanthe*)

SUNFLOWER (See *Helianthus*)

SWEET PEAS HOLCO GIANT

WAVED SPENCER

1101 ASTA OHN. Pinkish lavender, the wings showing a little more clear lavender. Good size and best Spencer form. Pkt. 10 cts., oz. 25 cts.

1102 AURORA SPENCER. A brilliant orange rose striped and flaked on white. Of the finest Spencer form and of immense size. Pkt. 10 cts., oz. 25 cts.

BARBARA. A large salmon orange self. Beautiful color when grown well and shaded. Pkt. 10 cts., oz. 30 cts.

1078 CONSTANCE HINTON. A black seeded white Spencer of enormous size and fine Spencer form. Young flowers generally tinted a trifle pink, but flower soon turns pure white. A fine variety. Pkt. 10 cts., oz. 50 cts.

1106 COUNTESS SPENCER. The original Spencer type Sweet Pea and to the present day one of the best pinks. The color is bright clear pink on white ground. The pink deepens towards edge of standard. Standard and wings beautifully waved. Strong grower and bears numerous fours. Pkt. 10 cts., oz. 25 cts.

1107 DAINTY SPENCER. A large White Spencer, edged with clear rose pink. Very pretty when well grown but under some conditions the color suffuses through the standard and wings. One of the daintiest Sweet Peas when perfect. Pkt. 10 cts., oz. 25 cts.

1079 DECORATOR. A Rose Spencer. Vine dark colored in original stock but some growers have a light colored vine. An award of Merit was given. Pkt. 10 cts., oz. 40 cts.

1080 DOBBIE'S CREAM. Primrose self. Supersedes Primrose Spencer. Grand color and form, strong grower. The cream Spencer variety. Pkt. 15 cts., oz. 50 cts.

1113 FLORENCE NIGHTINGALE. Clear lavender with a little mauve color in flower. George Herbert is much better Spencer flower. Pkt. 10 cts., oz. 25 cts.

1114 GEORGE HERBERT. Bright rosy carmine of large size and best Spencer form. Pkt. 10 cts., oz. 25 cts.

1108 ELFRIDA PEARSON. Deep blush waved. This Pea took the place of Florence Morse Spencer and others. It is a splendid Pea in every way. Free flowering, strong growing and produces strong stems carrying four blossoms as a rule. The color is very pleasing and is white ground flushed with pink. In the young state the pink color seems to have a bronze sheen. This Pea will lead the blush pink section for many years to come. Pkt. 10 cts., oz. 50 cts.

1081 FIERY CROSS. An entirely new shade of red in Sweet Peas and easily the most brilliant red Spencer. The shade of red is hard to describe. It is what is known by some as "Turkey" red or "Military" red. A bright red orange cerise with some salmon in it might convey the idea. Flower opens pale but deepens with age. Pkt. 20 cts.

1112 FLORENCE MORSE SPENCER. Beautiful light pink, deepening towards edges. Very large, open, wavy form of the best Countess Spencer type. Perhaps better described as a light, pink-edged Countess Spencer. Our new strain of it comes perfectly true. Pkt. 10 cts., oz. 25 cts.

1076 "HOLCO" GIANT WAVED SPENCER SWEET PEA MIXTURE. This mixture has been made with extraordinary care by us from the finest named, true, large flowering Spencer varieties introduced to date, and in such quantities as to produce a well-balanced and finely-proportioned color effect. All dull and undesirable colors have been omitted, making the mixture the best ever offered. No better can be had. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.00.

FIERY CROSS SWEET PEAS

Spencer type, with long stems and four blossoms to the stem.

HOLCO GIANT WAVED SPENCER SWEET PEAS

1116 HELEN LEWIS. Standard orange, wings rosy salmon. Large, wavy. One of the earliest Spencer varieties and still a favorite. **Pkt. 10 cts., oz. 25 cts.**

HELEN PIERCE. Pure white, veined, mottled and marbled with bright blue. The base of the petals does not show the color while the back of the standard is quite heavily colored. Helen Pierce Spencer is best waved variety of this kind. **Pkt. 10 cts., oz. 50 cts.**

HERCULES. Rich pink, waved. A giant Countess Spencer. The individual flowers when well grown are very fine and are much finer than Countess Spencer, especially when grown for exhibition. **Pkt. 10 cts., oz. 50 cts.**

1082 HILARY CHRISTIE. Standard frosted orange cerise with crenulated fiery scarlet edge. Wings rosy carmine, keel delicate fawny lemon. General tone of flower bronzy orange pink. **Pkt. 15 cts., oz. 75 cts.**

1117 ILLUMINATOR. A glorious orange salmon. In dull light the color appears to be a flat orange scarlet but in sunshine or under artificial light the color is bright salmon cerise, sparkling with orange. **Pkt. 10 cts., oz. 30 cts.**

1083 JEAN IRELAND. Beautiful cream colored, edged with deep pink. If this maintains its character under cultivation, it will easily be the premier picotee cream. The form, placing and coloring of the flowers leave little to be desired. **Pkt. 15 cts., oz. 75 cts.**

1118 KING EDWARD SPENCER. Rich crimson, waved. Flowers are large and of fine Spencer form. It is a vigorous grower and is a good variety for exhibition and for garden. **Pkt. 10 cts., oz. 25 cts.**

1119 KING WHITE. A superb white. Purity of whiteness and vigor, form and size remarkable, substance wanting. This is a grand Pea for dry climates but is too thin where rains are frequent during blooming time. **Pkt. 10 cts., oz. 50 cts.**

1120 LOYALTY. Violet flake, waved on white ground. **Pkt. 10 cts., oz. 30 cts.**

1122 MARGARET ATLEE. A Giant Pink. Apricot pink on cream ground. The pink is suffused perfectly over the cream ground. A strong grower and a most useful Pea for exhibition or garden decoration. **Pkt. 10 cts., oz. 30 cts.**

MRS. CUTHBERTSON. The best pink and white bicolor. The standard is light rose pink and wings are white flushed pale rose pink. The variety is a strong grower and the flowers are very large and exceedingly beautiful. One of the most pleasing Sweet Peas and a telling variety for competition. **Pkt. 10 cts., oz. 75 cts.**

1084 NEW MARGARET MADISON. In Margaret Madison we have a greatly improved strain of the popular lavender color found in the variety Margaret Madison. The size of the blossom has been almost double and the form of the flower is now all that could be wished for in a Spencer Sweet Pea. The color, too, is daintier and prettier and is as near a true lavender as one could wish. **Pkt. 10 cts., oz. 50 cts.**

NEW MIRIAM BEAVER. It is the daintiest and most pleasing shade of pink yet discovered in Sweet Peas. The color is hard to determine, but we think that a soft shell salmon pink on cream ground lightly overlaid with soft hydrangea pink would convey a good idea of its uniqueness. **Pkt. 15 cts., oz. 75 cts.**

1085 NUBIAN. Chocolate self, waved. Color self, purple shade wanting, form fine. Long stems and fours, wings fold over very nicely. **Pkt. 10 cts., oz. 30 cts., 1/4 lb. \$1.00.**

1088 ROBERT SYDENHAM. Rich orange salmon. A little darker than Stirling Stent. This variety was somewhat disappointing as it proved to be no more sunproof than any other orange salmon. When shaded and well grown, it is a fine flower and very beautiful. **Pkt. 15 cts., oz. 50 cts.**

ROSABELLE. Bright rose, waved. Very large and great form and size. One of the best varieties for exhibition and garden. **Pkt. 10 cts., oz. 50 cts.**

1089 ROYAL PURPLE. The best Purple Spencer Sweet Pea. As the name suggests the color is near "Royal" Purple. The color deepens and improves as the flowers age which is a good point in a purple variety. One of the most distinct and successful Spencer introduced. A strong grower and very floriferous, excellent for exhibition and garden. **Pkt. 10 cts., oz. 50 cts.**

1127 TENNANT SPENCER. Rosy purple self color. Shows a tendency towards magenta. Of fair Spencer form. We now think Royal Purple should be grown for a good purple Sweet Pea. **Pkt. 10 cts., oz. 25 cts.**

1087 THE PRESIDENT. Brilliant rich dazzling orange scarlet. Burns badly but when shaded is most brilliant and is much superior to Thomas Stevenson. **Pkt. 10 cts., oz. 50 cts.**

1129 VERMILION BRILLIANT. Scarlet, waved. To date this is one of the best Scarlet Spencer. The color is a rich scarlet but has some crimson in it. It is a vigorous grower for a scarlet and flowers are of good form. A good number of four bloomed sprays are produced. **Pkt. 10 cts., oz. 50 cts.**

1131 WEDGEWOOD. A clear azure blue with a little mauve tint in standard. Large flowers and good form for a blue. **Pkt. 10 cts., oz. 50 cts.**

1130 WHITE SPENCER. This stock was the first waved white variety. Is conceded to be best. **Pkt. 10 cts., oz. 25 cts.**

1090 YARRAWA. Was awarded a Certificate of Merit by The American Sweet Pea Society. It is a direct sport from a summer-flowering Spencer. When grown under glass it attains a height of ten to twelve feet, flowering for several months. From seed sown in early October the plants came into bloom December 20th and bloomed profusely until May. The flowers are exquisitely waved and when well grown average two and one-half inches in diameter. They are produced usually in fours on extra long, strong stems. The color is a bright rose-pink with a clear, creamy base, the wings being slightly lighter in tone. YARRAWA, grown outdoors, begins to flower fully two weeks earlier than the summer Spencers. **Pkt. 15 cts., 2 pkts. 25 cts.**

"HOLCO" LARGE FLOWERING MIXED

This is the best possible mixture that can be made from existing Grandiflora or Eshford varieties. It has been our endeavor to secure the best balanced mixture of color for the admirers of the Grandiflora type, and those in search of a good mixture at a low price.

Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30.

SWEET WILLIAM (*Dianthus Barbatius*)

Produces splendid effects in beds and borders. Widely grown for the handsome showy heads of brilliant flowers, will last for years.

1170 PINK BEAUTY. Strikingly brilliant and beautiful. Color salmon-pink. Flowers are borne in massive heads on stems 18 in. high. For mid-season mass bedding it has no equal. $\frac{1}{8}$ oz. 30 cts., Pkt. 10 cts.

1171 HOLBORN GLORY. Large flowers in beautiful shades. Pkt. 10 cts.

1172 SINGLE WHITE. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

1174 SINGLE MIXED. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts., oz. 40 cts.

1175 DOUBLE MIXED. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

1176 ANNUAL (ANNUAL-FLOWERING SWEET WILLIAM). A new strain that flowers the first season. Sow early. Finest mixture. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

THUNBERGIA (*Black-Eyed Susan*)

Very attractive, slender, climbing or trailing plants, neat for baskets, porch boxes, etc. Pure white; white, black-eyed; sulphur, white-eyed; orange, white-eyed.

1180 MIXED. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

TRITOMA (*Red Hot Poker*)

1185 Very early-flowering variety; elegant orange-scarlet flowers; 3 ft. Pkt. 15 cts.

Mrs. Louise S. Fitz, Randolph, O.—All the seeds received of you have done good.

VERBENA

A very popular bedding plant. For best and quickest results seed should be sown early in the house or hot-bed, and transplanted in May. If sown outdoors in May, it blooms from the end of July on.

MAMMOTH-FLOWERED VARIETIES

	Pkt.		Pkt.
1186 Pink	\$0.10	1186 Striped	\$0.10
“ Purple.....	.10	“ White.....	.10
“ Scarlet.....	.10	“ Blue.....	.10
Mammoth Mixed. $\frac{1}{4}$ oz. 50 cts.....	.10		

1187 HELEN WILMOTT. Large, bright salmon-rose-colored flowers, having a white eye, with small percentage of varied shades. Pkt. 15 cts.

1188 LEMON VERBENA (CITRIODORA). Every garden should have a few plants of this fragrant favorite. Its pale green, delightfully scented foliage goes well with any flower. Pkt. 10 cts.

1190 GRANDIFLORA MAMMOTH MIXED. Pkt. 5 cts., oz. 80 cts.

VINCA (*Periwinkle*)

Very handsome plants about 1 ft. high. Dark, glossy foliage, in flower constantly from June to frost. If sprays be cut and placed in water, all the buds will be developed, making them effective for a week. 1 to 1 $\frac{1}{2}$ ft.

1195 MIXED COLORS. Pkt. 10 cts., $\frac{1}{8}$ oz. 15 cts.

VIOLA ODORATA(*Sweet-Scented Violet*)

1205 Fragrant, early spring-blooming plants. Fine mixture. Seed germinates very slowly. $\frac{1}{4}$ oz. 50 cts., pkt. 10 cts.

WALLFLOWER (*Cheiranthus*)

A class of free-flowering plants which are particularly valuable for bedding. Flowers bloom in spring, borne in long spikes, sweet-scented a splendid range of colors from bright yellow through shades of red to brown.

1210 SINGLE MIXED. $\frac{1}{4}$ oz. 15 cts., pkt. 10 cts.

J. A. Haas, Mantna, O.—Received our order of seeds in fine order.

WILD CUCUMBER (*Echinocystis*)

1215 A very rapid-growing vine with white flowers. Pkt. 5 cts., oz. 15 cts.

XERANTHEMUM (*Everlasting Flower*)

1220 DOUBLE MIXED. One of the prettiest and most satisfactory of the Everlastings, bearing an abundance of bright rose, purple and white flowers, which are not only showy in the garden, but very useful as dried flowers in winter bouquets. Grows about 3 ft. high, and can be sown in the open ground early in May, growing readily in any open, sunny position, remaining in bloom from early summer till frost. Mixed colors. Pkt. 5 cts.

ZINNIA (*Youth and Old Age*)

They are annuals very easily grown and bloom continuously from early summer until frost. These may be sown in the latter part of March in boxes or outdoors in May. If transplanted, it should be done at an early stage.

GIANT ROBUSTA

Our strain of this magnificent giant-flowered type is unsurpassed. The blooms are of immense size, when well grown averaging three and one-half to four and one-half inches in diameter and often three to four inches in depth.

	Pkt.		Pkt.
1230 Giant Golden-yellow	\$0.10	1230 Giant Flesh-color	\$0.10
“ Giant Scarlet..	.10	“ Giant Violet..	.10
“ Giant White..	.10	“ Giant Crimson.....	.10
Giant Mixed. All colors. $\frac{1}{4}$ oz. 40 cts....	.10		

1231 CURLED and CRESTED, DOUBLE. Petals curiously twisted, curled; mixed colors. 1 $\frac{1}{2}$ ft. Pkt. 10 cts., oz. 60 cts.

1232 JACQUEMINOT. Height 1 $\frac{1}{2}$ ft. Fine for edging. Dwarf, double, crimson flower. Pkt. 5 cts., oz. 75 cts.

1233 DWARF DOUBLE MIXED. Pkt. 5 cts., oz. 60 cts.

1234 CACTUS-FLOWERED, DWARF. Pkt. 10 cts., oz. 60 cts.

Bulbs and Roots for Spring Planting

When ordering, ask for our Leaflet on Outdoor Bulbs Culture

TUBEROUS-ROOTED BEGONIAS

Are unequalled for growing in the shade. Bloom constantly during the summer. Desirable both for pots and beds. Flowers large, brilliant. Bulbs 1½ in. and up in dia.

GIANT-FLOWERED SINGLE

Crimson, pink, yellow, orange, and white.

10 cts. each, 3 for 25 cts., \$1.00 per doz. Mixed, 10 cts. each, 4 for 25 cts., 75 cts. per doz. Postpaid.

GIANT-FLOWERED DOUBLE

Crimson, pink, yellow, white, orange.

20 cts. each, 3 for 50 cts., \$1.75 per doz. Mixed, 15 cts. each, 4 for 50 cts., \$1.00 per doz. Postpaid.



ELEPHANT EARS

CALADIUM ESCULENTUM

Elephant's Ear

One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn. Very frequently used as border plant about suburban residences, where their large, rich green leaves afford an excellent embellishment when contrasted with the colors of the dwellings. Leaves often measure 3 to 4 ft. long, 2½ ft. wide.

	Each	Doz.
First-size Bulbs.....	\$0.10	\$1.00
Large-size Bulbs.....	.15	1.50
Mammoth-size Bulbs.....	.20	2.20
Jumbo-size Bulbs.....	.30	3.25

If wanted by mail add for each Bulb postage 3, 4, 5 and 6 cts.

FANCY-LEAVED

For conservatory or greenhouse; also suitable for outdoors when weather has become warm, in partial shade where protected from strong winds.

20 cts. each, \$2.00 per doz. Postpaid.

CINNAMON VINE (Chinese Yam)

Splendid, hardy climber, rapid grower, with bright, glossy green, heart-shaped leaves. White Cinnamon-scented flowers. 5 cts. each, doz. 50 cts.

GLOXINIA

Flowers are gorgeous, foliage has a velvety appearance. Bulbs should be started in spring in a warm place. They require partial shade, liberal supply of water when growing. After blooming, water should be withheld, bulbs remain dry through the winter.

Four colors—Red, White, Blue and Spotted.

Each 20 cts., 2 for 35 cts., 4 for 60 cts., doz. \$1.50.

LILY-OF-THE-VALLEY CLUMPS—For Outdoor Planting

Our Lily-of-the-Valley Clumps are extra selected, well grown and, if planted outdoors by the middle of April, will flower splendidly during May. If grown under the proper conditions, these clumps will increase rapidly, and every spring produce a profusion of dainty flowers. Extra-strong clumps, 35 cts. each, \$3.50 per doz.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates



LILIUM AURATUM

HARDY GARDEN LILIES

Perfectly hardy, should be in all gardens. For best effect plant in clusters of 3 or more.

AURATUM (GOLDEN BANDED LILY OF JAPAN)

Pure white, thickly studded with crimson spots, white while through the center of each petal runs a clear golden band. Bloom July to October.

20 cts. each, 3 for 50 cts., \$2.00 per doz.

ALBUM

Large white flower with greenish band running thru the center of each petal. 25 cts. each, \$2.50 per doz.

SPECIOSUM RUBRUM

White shaded and spotted with rose and red. 25 cts. each, \$2.50 per doz.

LILIUM TIGRINUM (DOUBLE TIGER LILY)

Orange, spotted black. 15 cts. each, \$1.25 per doz.

MADEIRA VINE

CLIMBING MIGNONETTE

A beautiful vine, covering a large space in a short time. Protect with litter in this latitude.

5 cts. each, postpaid; 25 cts. per doz., by mail, 10 cts. per doz. extra.

TUBEROSES

One of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skilful management a succession of flowers may be obtained all the year round. For early flowers they can be started in Feb. or March in the greenhouse or hotbed; for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May, or as soon as the ground becomes warm.

EXCELSIOR DOUBLE PEARL

First size, 5 cts. each, postpaid; 25 cts. per doz., \$2.00 per 100.

For doz. lots add 10 cts. for postage.



Excelsior Double
Pearl Tuberoses

LARGE-FLOWERING CANNAS

NEW and LATEST SELECTIONS

Single Roots Postpaid.

If Cannas Roots are Wanted by Parcel Post Add 10 cts. per Dozen for Mailing Charges

YELLOW KING HUMBERT

(QUEEN HELEN)

Four feet Green Foliage, an orchid-flowering sport of the well known variety King Humbert. Has the same habit of growth as its parent; foliage a very dark green with flowers measuring 5 to 7 inches across individual petals 3 to 3½ inches in diameter. Color of flower a deep rich yellow heavily spotted and blotched with bright red. Some plants will occasionally give a scarlet or scarlet striped flower, which we consider an improvement rather than a defect.

Each 25 cts., doz. \$2.50.

ALLEMANIA. 5 feet green foliage, orchid-flowering, bright scarlet, with broad and irregular yellow border, beautifully mottled and variegated. Each 10 cts., doz. \$1.00.

ALPHONSE BOUVIER. 5 feet, green foliage, clear crimson flowers, produced in large clusters. Each 10 cts., doz. \$1.00.

AUGUSTA. 3½ feet, green foliage, bright crimson, edged with broad band of yellow. Each, 10 cts., doz. \$1.00.

BRANDYWINE. 3½ feet, bronze-leaved flowers of wine-red, dappled deep crimson petals sometimes edged with gold. Each 10 cts., doz. \$1.00.

BUTTERCUP. 3 feet, green foliage, the best dwarf yellow flower of pure buttercup-yellow. Each 10 cts., doz. \$1.00.

CRIMSON BEDDER. 3½ feet, green foliage. Deep red flowers of good quality. Each 10 cts., doz. \$1.00.

DAVID HARUM. 3 feet, bronze-leaved flowers, intense vermilion-scarlet; very prolific and one of the freest bloomers we know of. Each 15 cts., doz. \$1.50.

EGANDALE. 4 feet, bronze-leaved, flowers currant-red. An early and constant bloomer. Each 10 cts., doz. \$1.00.

GUSTAV GUMPPER. 3½ feet, green foliage, an ideal yellow bedding variety. Habit of growth very uniform. Each 15 cts., doz. \$1.50.

HUNGARIA. 3½ feet, Green Foliage, large flowers, color a pure La France pink with satiny sheen. Each 10 cts., doz. \$1.00.

INDIANA. 6 feet, Green Foliage, Orchid-flower variety with rich golden flowers often 7 inches across. Each 10 cts., doz. \$1.00.

KING HUMBERT. 4 feet, Bronze-leaved, the most popular of all Cannas; still in the lead and gathering popularity each year. Color orange-scarlet, shaded crimson. Each 10 cts., doz. \$1.00.

ROSEA GIGANTEA

Four feet green foliage, rich rose, gigantic size, a prolific bloomer. The large broad petals and the massive heads of bloom invariably create a sensation when seen for the first time. Each 20 cts., doz. \$2.00.

FIRE BIRD

Three and one-half feet, Green Foliage. The best scarlet green-leaved variety in existence. The flowers are borne in immense trusses on strong stalks well above the leaves. They are of splendid form. The petals measure 2½ inches across and the color is a clear glistening scarlet without any streaks, spots or blotches.

Each 25 cts., doz. \$2.50.

MRS. ALFRED F. CONARD. 4 feet, Green Foliage, beautiful salmon-pink flowers of great size and wonderful substance freely produced in large clusters. Each 15 cts., doz. \$1.50.

METEROR. 5 feet, Green Foliage, deep dazzling crimson flowers, produced in mammoth clusters. Each 20 cts., doz. \$2.00.

PANAMA. 3 feet, Green Foliage, color rich orange-red with a well-defined border of bright golden yellow. Flowers of large size. Each 20 cts., doz. \$2.00.

PENNSYLVANIA. 6 feet, Green Foliage, large orchid-flowered scarlet, overlaid with orange. Each 10 cts., doz. \$1.00.

RICHARD WALLACE. 4 feet, Green Foliage, canary-yellow flowers. Each 10 cts., doz. \$1.00.

VENUS. 4 feet, Green Foliage, a gay rosy pink with a well defined border of creamy yellow. Each 15 cts., doz. \$1.50.

WINTZERS COLOSSAL. 5 feet, Green Foliage. Without a doubt the largest-flowered Canna yet produced. Flowers of vivid scarlet, sometimes measuring 8 inches across. Each 25 cts., doz. \$2.50.

WYOMING. 7 feet, Bronze-leaved, true orchid-flowered variety with magnificent orange-colored flowers. Each 10 cts., doz. \$1.00.

SPECIAL NOTE.—Unless otherwise ordered Cannas will be furnished in roots as far as possible. When roots are exhausted we will supply plants after May 15th (write for prices). If Canna Roots are wanted by parcel post, add 10 cts. per doz. for mailing charges; plants travel best by express.

Mary S. Lehman, Wood Co.—“Your Fire Bird Cannas gave us the largest flowers and most perfect foliage of any variety we ever have grown.”

Mrs. Wm. Bowman, Cleveland.—“The Rose Gigantea we bought of you is one that every garden lover should plant. Their gigantic size and blooming qualities is a winner. Send six roots to Mrs. R—, enclosed find card.”

“Order Yellow King Humbert, you won’t regret it.”

Geo. Reed, Ashland Co.—“Wintzer’s Colossal Canna is certainly a wonder, it was the talk of our town the size of flowers, they measured nine to eleven inches. We will want a dozen roots as we desire to make a gorgeous show next spring.”

6 Cannas of a variety at dozen rates

HOLCO PRIZE DAHLIAS

The choicest of their respective classes

Our Dahlia roots are splendid, strong field grown clumps, plump, well ripened

Dahlias require a light, open situation, a well-worked, moderately rich soil, deep and frequent cultivation. If the soil is heavy, use plenty of coal ashes. Plant any time from the first of May until the end of June, covering the tuber with 3 or 4 in. of soil and cutting out all but one or two stalks. For exhibition flowers thin freely.

PEONY-FLOWERED DAHLIA

A new type of Dahlia; flowers are semi-double having two, three or more rows of broad, flat loosely arranged petals, surrounding a conspicuous rich golden yellow center. Petals are often pointed, and sometimes twisted, and in some varieties the inner row of petals twists and curls over the center, giving the appearance of a Japanese Peony, hence its name.

QUEEN WILHELMINA (GIANT HOLLAND PEONY-FLOWERED DAHLIA).

Largest and finest of the pure white sorts; excellent for decorative work, and unsurpassed as a cut-flower. Blossoms produced upon long, graceful stems, well above the foliage. **25 cts. each.**

QUEEN EMMA (FRAGRANT PEONY-FLOWERED DAHLIA). A delightful sort that appears almost artificial. It is a charming shade of Hollyhock pink, the inner petals banded with gold. The flowers are sensational, possessing grace, simplicity and beauty, which makes this variety exceedingly fashionable. **25 cts. each.**

GERMANIA (HOLLAND PEONY-FLOWERED DAHLIA). Bright glowing crimson. **20 cts. each.**

CACTUS DAHLIAS

This class is of comparatively recent introduction, and is entirely distinct from any other class. The flowers are loosely and artistically formed, and very irregular, resembling the Chrysanthemum. Petals long, twisted, and terminating in a point. Some varieties possess nearly straight petals, others are gracefully incurved.

ALIGHT. Gigantic flowers of a beautiful orange-scarlet color. Petals very long, and exceedingly narrow. Blossoms are of moderately incurved form, and produced in great abundance upon good long stiff wiry stems, well above the foliage. This variety can be highly recommended as a desirable form. **25 cts. each.**

EUREKA. This variety has all the good qualities of the Dahlia, being properly named. Color, very deep purple. Petals long, straight, and tightly quilled. **25 cts. each.**



QUEEN WILHELMINA PEONY-FLOWERED DAHLIA

GENERAL BULLER. A rich, velvety crimson-maroon, tipped white. Occasionally a solid crimson flower on same stalk. One of the most attractive "Fancy Cactus" varieties. **15 cts. each.**

HARBOR LIGHT. A vivid orange, overlaid flame color. **15 cts. each.**

HENRI CAYEUX. A variety of immense size and perfect form; color an old gold shading to golden yellow; plants very vigorous. **25 cts. each.**

RUTH FORBES. The massive clear pink flowers, composed of heavy petals, are often accompanied by stems measuring two feet in length, extra stout and excel any other variety for large vase purposes. **25 cts. each.**

SNOWDON. Purest white. **50 cts. each.**

DECORATIVE DAHLIAS

Are large, flat, and full to the center; petals quite irregularly situated, long, broad, flat, and nearly straight.

MINA BURGLE. A seedling named and originated by Mr. Burgle, a California Dahlia lover. This new introduction is one of the finest varieties to date; a champion variety, producing flowers of gigantic size, and remarkable beauty. The best in existence; in color, a glowing and most brilliant scarlet. The flowers are of perfect Decorative type, and borne upon long, wiry stems, well above the foliage. A variety which attracts universal attention. **50 cts. each.**

CLIFFORD W. BRUTON. A large canary-yellow. **15 cts. each.**

DELICE. The finest and brightest pink Decorative Dahlia in existence. Flowers are of good size, standing well above the foliage. A charming bright pink, suffused lavender-pink. One of the best known cut-flower varieties in the Dahlia-world. **25 cts. each.** When ordering, ask for our Leaflet on Dahlia Culture.



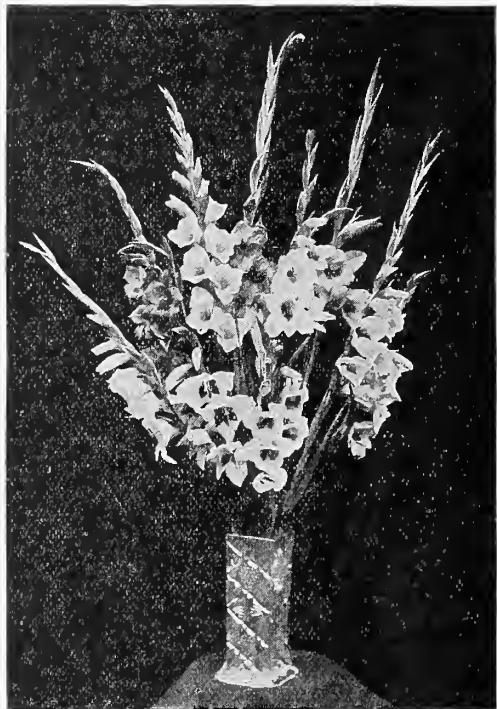
MINA BURGLE DAHLIA

Sure to Flower

GLADIOLI

Plant Gladiolus Bulbs—
They Bloom for Everybody

Gladiolus are the most attractive and useful for cut flowers of all summer-flowering bulbs. Use any good soil, hoe and loosen, keep down the weeds, and with ordinary rainfalls they will flower by July because their sturdy growth is assured from the stored-up strength in the bulbs. A succession of blooms may be had from July to October by making plantings in April, May and early June, 10 days apart. Plant bulbs 4 inches deep, 6 inches apart and stake when 2 feet high.



AMERICAN GLADIOLI

SCHWABEN

A most meritorious imported variety of wonderful vigor, with strong erect spikes and large well expanded flowers of a clear canary yellow with a small blotch of deep garnet in the throat.

15 cts. each, \$1.50 per doz., \$10.00 per 100.

MRS. FRANK PENDLETON

One of the most exquisitely colored and formed Gladiolus in our entire list. In addition, the size of bloom is not exceeded by any other. The color is a delicately flushed salmon pink, the color extending to the reverse side of the petal as well as in the center. The blooms are wide open and are arranged individually on the very slender but wiry stems. Each flower is doubly enhanced by a rich maroon blotch on the three lower petals.

Price, each 15 cts., doz. \$1.50, per 100 \$9.00.

NIAGARA

Flowers $4\frac{1}{2}$ in. across, cream shade, blending to canary yellow on lower petals. Throat is faintly striped with carmine, lower ends of petals are also blushed with carmine.

Each 10 cts., doz. \$1.00, per 100 \$7.00.

MRS. FRANCIS KING

A striking shade of light scarlet or flame color; one of the most effective both in the border and when cut.

Each 5 cts., doz. 40 cts., 100 \$2.00.

FIRE KING

Long graceful spikes showing half a dozen immense blooms open at the same time. Color, intense scarlet. More brilliant than any other scarlet variety. A perfectly grand variety.

15 cts. each, doz. \$1.50, \$15.00 per 100.

AMERICA. Lavender pink. A fine cut flower of strong growth. Each 5 cts., doz. 40 cts., 100 \$2.00.

BARON HULOT (BLUE JAY). Rich Indigo. Each 6 cts., doz. 60 cts., 100 \$4.00.

EMPRESS OF INDIA. Rich velvety dark red with deeper shadings; one of the richest colored varieties. Each 7 cts., doz. 75 cts., 100 \$5.00.

GLORY (Ruffled). Creamy white, crimson stripe in center of each petal; ends of petals ruffled. Ea. 10 cts., doz. \$1.00, 100 \$6.00.

"HOLCO" RAINBOW MIXTURE

This name has been chosen by us for the highest quality blendings of the many excellent named varieties shown in this page. Only refined and exquisite colors.

Doz. 50 cts., 100 for \$2.85, per 1,000 \$23.00.

GLORY OF HOLLAND. White, with pink markings. Each 5 cts., doz. 50 cts., 100 \$3.75.

PANAMA. Finest pink gladiolus. Each 10 cts., doz. \$1.00, 100 \$7.50.

PRINCEPS. Rich crimson, with white blotches. Each 7 cts., doz. 75 cts., 100 \$5.00.

SULPHUR KING. Pure deep sulphur yellow. Each 15 cts., doz. \$1.50, 100 \$12.00.

EXTRA FINE MIXED

This splendid mixture is grown for us by Gladiolus specialists each year, and besides the mixture as originally grown many choice new kinds are added. This insures a wide range of colors, shades and types.

Doz. 30 cts., 100 for \$2.00, 1,000 for \$18.00.

COLLECTIONS OF SUPERB NEW AND STANDARD GLADIOLUS

1 each of the above sorts.....	\$1.00	6 each of the above standard sorts.....	\$5.00
3 each of the above sorts.....	2.50	12 each of the above standard sorts.....	9.00

Gladiolus Bulbs we Deliver Free at the Single, Dozen price but by the 100 and 1,000, if wanted by Parcel Post, add postage at the Zone rates. 7 pounds per 100 Bulbs.

SUMMER BEDDING PLANTS

These are thrifty specimens which will give good results under proper treatments. Ready for shipment during April, May and June. Bedding plants can be shipped by express only

We will be pleased to mail list and quote prices on application.

HARDY EVERBLOOMING HYBRID-TEA ROSES

.When ordering, ask for our Leaflet on Rose Culture

Our Roses are exceptionally strong and worth ten times more than Roses grown on marshy, wet soil, such as are generally offered at a low price. This class of Roses are continuous bloomers the entire summer, but are not entirely hardy in this section, and should be protected during the winter months with a covering of straw or any handy material. To obtain the best results, in addition to the covering of the tops, protect the roots with 5 to 6 in. of well-rotted manure. This will give added strength to the plants, and additional bloom the following summer.

The following varieties have been selected with a view to giving the amateur Rose enthusiast an opportunity to get the best varieties that will give a goodly share of blooms throughout the summer and autumn months, as well as to meet the requirements of those wishing the best varieties to select from, and being limited as to the amount they can spend.

NEW ROSE "LOS ANGELES"

This magnificent distinctly New American Rose "Los Angeles" is one of the finest Roses ever introduced. "Los Angeles" is surpassingly brilliant in color, beautiful in form and exceedingly free in bloom. The color is entirely new in Roses, flame pink toned with coral and shaded with transparent gold at base of the petals. The flowers are produced in almost unbroken succession from early summer to late fall. The plant is a vigorous grower with many long stems, each one crowned with superb blooms. Strong two-year-old plants which should give a full crop of flowers this season. You should include "Los Angeles" in your collection.

Price, \$1.75.

NEW ROSE "GOLDEN EMBLEM"

A gorgeous deep golden yellow Rose. Flowers are extra large perfect blooms. It is so perpetual flowering that as a garden and bedding Rose it is without a rival. Its habit of growth is ideal. Free and branching, with holly like glossy green foliage delightfully scented. Strong two-year-old plants. Price, \$3.00.

FRANCIS SCOTT KEY

A strong sturdy grower. The flowers are a deep red, of largest size. The stems are strong and straight, holding the flowers erect. The profusion of bloom is marvelous, every shoot producing a flower. We have every confidence that this grand new variety will attain the widest popularity as an outdoor bedding Rose. Price, 85 cts.

Prices: Any of the following in strong two-year-old plants, 75 cts. each, \$7.50 per dozen

ARTHUR GOODWIN. Color of flower is a beautiful rich-colored coppery-orange.

GEORGE DICKSON. Large, globular flowers of velvety-black scarlet-crimson with brilliant scarlet tips. Blooms, 5 in. across.

JONKHEER J. L. MOCK. The flowers are of a deep pink and outside of petals silvery rose-white.

KILLARNEY BRILLIANT. Color bright, sparkling pink, shading to white. Very fragrant, hardy and extremely free-flowering.

MRS. AARON WARD. Color is a distinct shade of Indian-yellow which is more decided in dry than wet weather.

CAROLINE TESTOUT. Bright satiny rose, center a trifle brighter.

KAISERIN AUGUSTA VICTORIA. Color is a soft pearly-white, tinted with lemon in the center.

LADY ASHTOWN. Color a soft rose, shading to yellow.

DUCHESS OF WELLINGTON. Intense saffron-yellow stained with deep crimson.

LYON. Shrimp-pink at end of petals, center coral-red or salmon shaded with chrome-yellow; making a most distinct and charming combination. Flowers large and full; very fragrant.

THE "BEST" HARDY GARDEN ROSES

HYBRID PERPETUALS

The plants offered are unquestionably the best that can be selected in the Hybrid Perpetual class. Exceptionally heavy two-year-old stock, which will, under fair conditions, give a full crop of flowers this season; and while their main crop is produced in June, they frequently produce fine flowers throughout the summer and autumn.

LUDWIG MOLLER OR YELLOW FRAU KARL DRUSCHKI

This is the wonderful Amber Yellow Rose. It has the good qualities of Frau Karl Druschki. Vigorous grower, free bloomer. A great beauty. Strong two-year-old plants. Price, \$1.50.

Prices: Any of the following in strong two-year-old plants, 60 cts. each, \$6.00 per dozen

CAPTAIN CHRISTY. Delicate, flesh-tinted white; a large, full flower of good form.

FRAU KARL DRUSCHKI. This is the ideal hardy white Rose, pure in color and perfect in form.

GENERAL JACQUEMINOT. Brilliant scarlet-crimson.

GEORGE ARENDIS OR PINK FRAU KARL DRUSCHKI. This is a rose-colored form of the popular white rose. Large size and highly perfumed.

GLOIRE de CHEDANE GUINOISSEAU. Large flower, bright vermilion-red with velvety shading.

GLOIRE LYONNAISE. White, tinted with yellow.

MRS. R. G. SHARMAN CRAWFORD. Deep rosy-pink, outer petals shaded with pale flesh.

MRS. JOHN LAING. Soft pink, free flowering.

PAUL NEYRON. Dark rose, of enormous size.

ULRICH BRUNNER. Bright cherry-red; flowers large and full; a good strong grower and always does well.

HARDY CLIMBING ROSES

The following varieties of Rambler Roses, while few in number, might easily be considered as being among the very best. It is our aim to list only those of distinct merit. All Climbing Roses offered are two- and three-year-old plants, and must not be confounded with inferior stock offered at cheap prices.

AVIA TEUR BLERIOT

(The New Yellow Rambler)

Bears large clusters, full double flowers, color deepens at the center. Strong grower. Price 60 cts.

CLIMBING AMERICAN BEAUTY. A fine new, free-blooming climber of excellent habit, strong and vigorous in growth; rosy crimson flowers, produced freely in June; very fragrant; a fine Rose. Strong two-year-old plants 60 cts.

CRIMSON RAMBLER. This favorite is well-known; one of the first introduced; beautiful crimson; flowers borne in huge clusters. Strong two-year-old plants 60 cts.

DOROTHY PERKINS

A splendid climber; bright, glossy foliage that always looks healthy, and beautiful clusters of pink flowers. It is highly recommended for general planting.

Strong two-year-old plants 60 cts.

SILVER MOON

(New White Climber)

The flowers run $4\frac{1}{2}$ inches and over in diameter, clear silver white in color, the plants literally covering themselves with great clematis-like flowers, borne on strong stems and are delicately fragrant.

Price 75 cts. each.

HARDY CLIMBING PLANTS

When ordering, ask for our Culture Leaflet on Hardy Climber

AMPELOPSIS VEITCHII (*Boston Ivy*)

This is the most deservedly popular of all climbing plants, being entirely hardy in the most exposed places and attaining a height of 30 ft. in 2 or 3 years; clings to stones, brick or woodwork with the greatest tenacity. During the summer the leaves are a rich shade of green and lap over each other with great regularity, like a coat of mail or like slates on a roof. But it is in the fall that it shows its exquisite beauty. The leaves then change to the brightest tints of scarlet, crimson and orange, so dazzling as to be seen at a great distance.

First-size plants, each 25 cts., per doz. \$2.50.

ARISTOLOCHIA SIPHO (*Dutchman's Pipe*)

A native species, of climbing habit and rapid growth, with magnificent light-green foliage 10 to 12 in. in diameter, and curious, pipe-shaped, yellowish-brown flowers.

Each 50 cts., per doz. \$5.00.

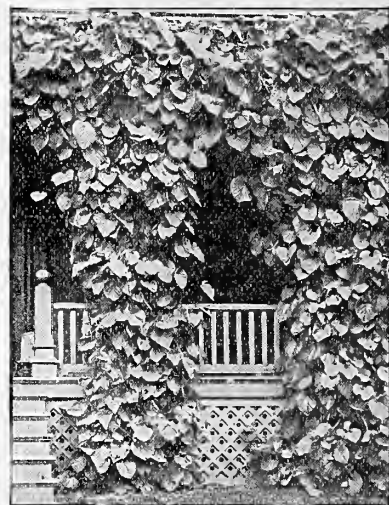
CLEMATIS

The Clematis we offer this season are exceptionally fine, strong 2-year-old plants. We have reduced the number of varieties to such sorts as, from experience, we know to succeed best in our climate. Many failures in the growing of Clematis are the results of too shallow planting. The crown of the roots should be set at least 3 in. below the surface of the soil.

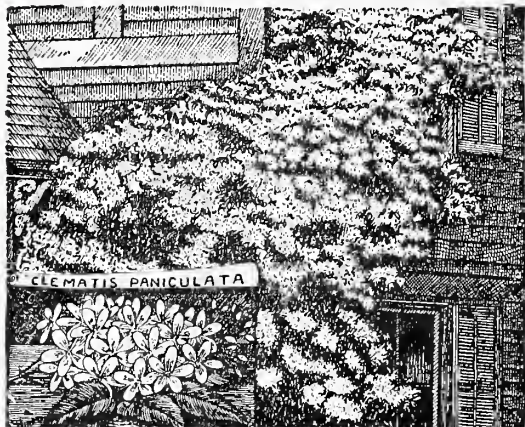
PANICULATA (*Small-Flowering Clematis*)

This handsome, hardy climber is one of the choicest and most satisfactory climbing flowering plants we know. The plant is of strong, rapid, growth, with small, dense, cheerful green foliage, giving it a grace and elegance possessed by no other hardy climber. The flowers appear in the greatest profusion during August, and continue until late in the fall, are white in color and most deliciously fragrant. The plant succeeds in almost any position; not only is it well adapted to run up all kinds of supports, but is just as useful for planting among rockwork, sloping banks, covering graves, or, in fact, in any position where a graceful vine is desired.

Selected, extra strong plants. Each 50 cts., per doz. \$5.00.



ARISTOLOCHIA SIPHO
(Dutchman's Pipe)



JACKMANI (*Large-Flowering Clematis*)

The best-known and most-valued variety of this popular family. A perfect mass of bloom when in full flower. Color dark, rich, royal purple. Each 50 cts., per doz. \$5.00.

HONEYSUCKLE

HALLIANA (HALL'S JAPAN HONEYSUCKLE)

A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December; holds its leaves nearly all winter. Extra-selected plants. Each 50 cts., per doz. \$5.00.

SCARLET TRUMPET HONEYSUCKLE

This and its varieties are the handsomest in cultivation. It is a strong, rapid grower and produces scarlet, inodorous flowers. Each 50 cts., per doz. \$5.00.

WISTARIA SINENSIS (CHINESE WISTARIA)

A most beautiful climber of rapid growth. When well established it makes a growth of 15 to 16 ft. in a season. Flowers pale blue. Each 50 cts., per doz. \$5.00. Extra strong plants, each, \$1.00.

HARDY ORNAMENTAL SHRUBS

All our Shrubs are large, vigorous and well rooted

Shrubby is one of the necessities of the home garden and lawn decoration, for scarcely a house is to be found without some planting of this sort. Shrubs can be selected that will bloom consecutively from early spring until late fall. The planting of shrubs is usually done in the spring, but we recommend planting in the fall as well as spring. Ready for delivery March to May—October and November.

Shrubs sent by express only. Where there is no express office, and it is necessary to send by Parcel Post, we will, upon application, advise the amount needed for postage.

When ordering, ask for our leaflet on Deciduous Shrubs Culture

ALTHEA (*Rose of Sharon*)

Popular flowering shrubs, coming in flower in July or Aug., when few shrubs are in bloom. The plant is covered with beautiful double flowers, which, at a distance, look like roses. They make a pretty flowering hedge. Three-year-old plants, single flowers, in white, pink or purple.

35 cts. each, \$3.50 per doz.

DEUTZIA

LEMOINEI. The branches are entirely covered with erect panicles of large, snow-white flowers, quite distinct from all other Deutzias; one of the best dwarf varieties. 35 cts. each, \$3.50 per doz.

FORSYTHIA

SUSPENS. Yellow; drooping habit. 35 cts. each, \$3.50 per doz.

HYDRANGEA

PANICULATA GRANDIFLORA. One of the most popular shrubs in cultivation, blooming at a time when few other shrubs are in flower. The immense panicles of pure white flowers, which appear in Aug., turn to a delicate pink, remaining until late in the autumn. Spikes of flowers have been known to measure 12 in. long by 22 in. in circumference. Extra strong plants, 4 to 5 branches. 35 cts. each, \$3.50 per doz.

LILACS (*Syringa*)

CHARLES X. A strong, rapid-growing variety, with large, shining leaves; trusses large, reddish-purple.

MAD. LEMOINE. Large panicles of pure white, double flowers. A splendid sort. 50 cts. each, \$5.00 per doz.

SPIRAEA

ANTHONY WATERER. A fine new dwarf Spiraea with dark crimson flowers. One of the finest shrubs of recent years. 35 cts. each, \$3.50 per doz.

VAN HOUTTEI (BRIDAL WREATH). Without doubt the finest of Spireas. At the flowering season in May and early June, the plant is covered with a mass of white flowers, presenting a beautiful appearance. 35 cts. each, \$3.50 per doz.

VIBURNUM (*Snowball*)

PLICATUM (JAPAN SNOWBALL). Of moderate growth; handsome; globular heads of pure white, neutral flowers early in June. It surpasses the common variety in several respects. Its habit is better, foliage much handsomer, flowers whiter and more delicate. 40 cts. each, \$4.00 per doz.

WEIGELA

ROSEA NANA VARIEGATA. Beautiful, clearly defined variegation of green, yellow and pink in its leaves; flowers delicate rose-pink. 35 cts. each, \$3.50 per doz.

EVA RATHKE. The finest Weigela in cultivation; flowering continuously throughout the summer and autumn; of a rich ruby carmine. 35 cts. each, \$3.50 per doz.

MAGNOLIAS

The following three sorts are of Japanese and Chinese origin. All are of dwarf habit and assume more readily the bush form.

ALBA SUPERBA. A choice variety, producing light pink flowers in profusion the first week of May. Selected plants, 3 ft., \$2.50 each.

LENNEI. Its deep, dark purple flowers are cup-shaped and large; open in June and borne profusely. Selected plants, 3 ft., \$2.50 each.

HARDY RHODODENDRONS

No plants are more gorgeous or effective than these, even when not in flower and the evergreen plant is attractive, the immense flower heads which appear in May almost cover the plant which increases in size and beauty each year.

*They require good garden soil, which should be dug 30 to 36 inches deep and mixed with peat or leaf mould. When Rhododendrons have finished blooming, the old flower should be cut off; this ensures blooms the following season. All colors and varieties.

Price of any of the above, 18 to 24 in. high, with plenty of buds, \$2.00 each.

HEDGE PLANTS

Early spring and autumn are favorable seasons for planting hedges. The plants are heavy and bulky for shipment by mail; in fact it is safe to ship hedge plants by freight to most points, as they carry well and the cost of transportation is much less than by express.

CALIFORNIA PRIVET. One of the most satisfactory plants for hedges known at the present time. Glossy green foliage, easily kept in shape, and of fine symmetrical shape naturally. Plant 12 in. apart.

Height	Doz.	100	1000
1-yr.-old, 18 to 24 in., 3 to 4 br.	\$0.75	\$3.50	\$30.00
2-yr.-old, 24 to 30 in., 5 to 8 br.	1.00	5.00	42.00
2-yr.-old, 30 to 36 in., 8 to 10 br.	1.25	6.50	52.50

BERBERIS THUNBERGII. A pretty species of dwarf habit; small foliage, changing to a beautiful coppery red in autumn. Showy orange-yellow flowers in May, and succeeded by bright red fruit; very hardy, and the best low-growing hedge plant. Also valuable to grow as a shrub. Plant 12 to 15 in. apart.

1 to 1½ ft.	Doz.	\$1.75, 100,	\$12.50
1½ to 2 ft.	Doz.	2.00, 100	15.00
2 to 2½ ft.	Doz.	4.00, 100	27.50

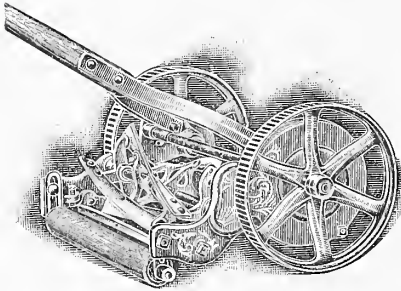
When ordering, ask for our Leaflet on Evergreen Trees and Shrub Culture

THE FOUR FUNDAMENTAL PRINCIPLES OF LANDSCAPE BEAUTY

Avoid straight lines.
Plant shrubs in masses.

Keep an open front.
Softener with shrubs, the line between foundations and lawn.

Horticultural Implements and Garden Requisites



COLDWELL LAWN MOWER

COLDWELL SELF-ADJUSTING BALL-BEARING LAWN MOWERS

DOUBLE CUTTING BLADE LIGHT RUNNING
ALWAYS SHARP NOISELESS DURABLE CRUCIBLE STEEL

We guarantee every Genuine Coldwell Mower.
Will replace, free of charge, all defective parts.

While the Coldwell is especially adapted to cutting fine lawns, its long wheel base adapts it to going over lawns too rough for most mowers. Its compound triple gear permits of the maximum strength with the minimum weight. These gears are entirely enclosed so that no dirt or cut grass can get into the pinions and clog them. It has a 10-in. wheel, 4 blades, steel, oil-tempered; lower blade is double and is also steel, oil-tempered. The Coldwell will cut grass 6 in. high, will not jump, as many low-priced machines do. Will outlast any mower.

Prices, 14-in. \$14.00, 16-in. \$15.00, 18-in. \$16.00, 20-in. \$18.00.

SUBURBAN MOWER Ball Bearing

14-in.	\$6.50
16-in.	7.00
18-in.	7.50

GREENWOOD MOWER High Wheel; Ball Bearing

14-in.	\$5.25
16-in.	5.50
18-in.	6.00

Motor or Pony Mowers price on application.

We carry in stock Mowers from \$3.00 up to \$30.00.

DUNHAM WATER BALLAST ROLLERS

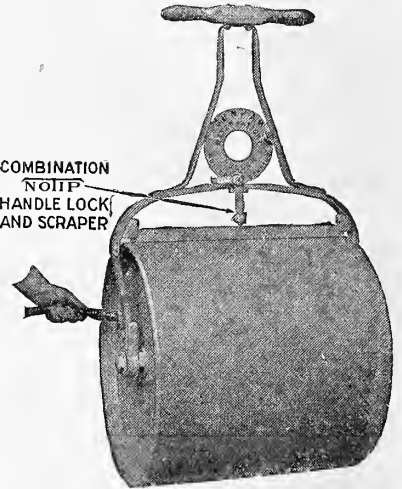
With Lock and Scraper

The proper roller for most any occasion; fill it with water, which will weight it up to any number of pounds desired, as shown below; 24 in. in dia., can be had in one or two sections. Equipped with roller axle bearings. The two-section roller is desirable on account of its not disturbing the turf or ground when being turned.

No.	Sections	Diam.	Width	Weight Empty	Weight Filled with Water	Price
5	1	18 in.	24 in.	85 lbs.	300 lbs.	13.00
7	1	24 in.	24 in.	110 lbs.	500 lbs.	17.00
11	2	18 in.	24 in.	110 lbs.	300 lbs.	18.00
15	2	24 in.	24 in.	140 lbs.	500 lbs.	22.00

We can also supply other sizes of Water Ballast Rollers.

COMBINATION
NOTIF
HANDLE LOCK
AND SCRAPER



RUBBER PLANT SPRINKLERS

Straight Neck

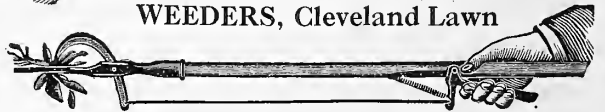
No. 1.	\$1.25
No. 2.	1.00
No. 4.75

Angle Neck

Large.	\$1.25
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WEEDERS, Cleveland Lawn

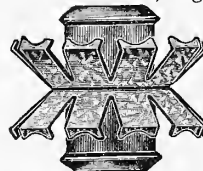


Chisel blade; trigger holds weeds so they can be pulled out. Each 75 cts.

HOSE MENDERS

Perfect Clincher

1/2-inch or 3/4-inch.
Each 15 cts., per doz. \$1.25.
Parcel Post weight, per doz. 1 3/4 pounds.



PERFECT CLINCHER
MENDER

LATTICE TRELLIS

Made of wood and painted green, 18 in. wide.
6 ft. \$1.50, 8 ft. \$1.75, 10 ft. \$2.00, 12 ft. \$2.25. Larger sizes to order.

FAN TRELLIS

Made of wood, painted green.
18 in. 20 cts., 24 in. 25 cts., 30 in. 35 cts., 3 ft. 70 cts., 4 ft. 85 cts., 6 ft. \$1.50, 8 ft. \$2.00.



RUBBER HOSE

"HOLCO" NON-KINKABLE

Best hose, finest quality of rubber. Will not kink and will last for years. We can supply any length and will fit with hose couplings if advised when ordering. 1/2-in. and 3/4-in.

Per ft. 16 cts. and 18 cts. "Standard," good quality, per ft. 12 cts.



Each 60 cts. and 75 cts. Parcel Post weight, 1/2 lb.

HOSE NOZZLES

3/4-in. Hose. Can be regulated to give three different streams.

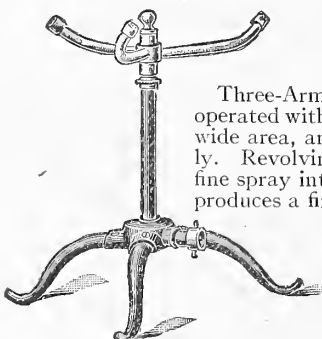
PRESTON SPRINKLER

Three-Arm Lawn Sprinkler, can be operated with moderate pressure, covers wide area, and distributes water evenly. Revolving arms throw water in a fine spray into the air, and the motion produces a fine mist. Height 1 ft.

Each \$1.50.

Parcel Post weight 4 lbs.

Due to present conditions, all prices subject to change.





COMPRESSED AIR SPRAYER

This sprayer will handle whitewash, water paints, Bordeaux mixtures, etc., perfectly, and is tested with 50 lbs. pressure before leaving the factory.

"Holco" Galvanized Sprayer (12 lbs.). Price \$6.00-\$7.00.

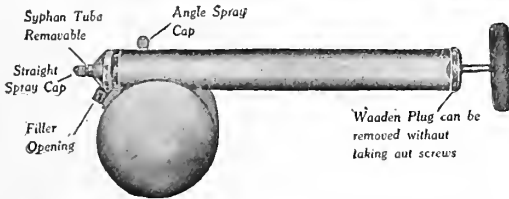
"Holco" Brass Sprayer (12 lbs.). Price \$7.75-\$8.50.

"HOLCO" MOLE TRAPS

Each \$1.00

How to Catch Moles

Always press down the mound when setting the trap so that the lever which sets off the trap is level with the ground. Set the trap in the evening as moles usually stir about very early in the morning.

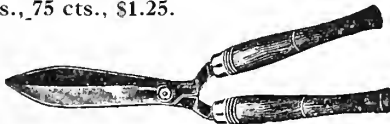


"HOLCO" CONTINUOUS SPRAYER

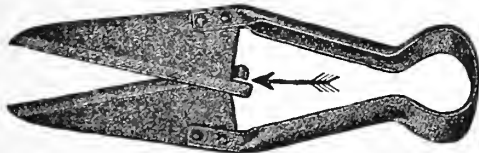
New combination Atomizer and compressed air Sprayer that sprays continuously and in any direction. Ball valves; 3 lbs.

Galvanized, \$1.25; Brass, \$2.00; Tin, continuous, \$1.00; Tin, 50 cts., 75 cts., \$1.25.

HEDGE SHEARS



- | | | | |
|---------|-------------------|-------|--------|
| No. 107 | 5 1/2 inch Ladies | ..... | \$1.00 |
| No. 101 | 8 inch Ladies | ..... | 1.60 |
| No. 101 | 10 inch Ladies | ..... | 2.25 |



GRASS SHEARS
All kinds and sizes
50 cts. to \$1.50

SICKLE

All kinds and sizes 35 cts, 50 cts., 75 cts.



ASPARAGUS KNIVES AND WEED DIGGER
V-Shape. Each 45 cts.

We carry in stock many styles of Garden Tools.

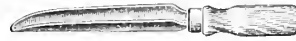
All Prices subject to Market changes without notice.



"HOLCO" STEEL SHANK TROWEL

These are somewhat long in blade and handle, making a very practical tool. 6-in. blade. Will last a lifetime.

Ea. 75 cts. Other styles and sizes 35 cts. to 75 cts.

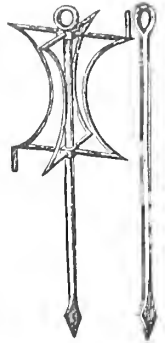


CLEVES' ANGLE TROWEL

For getting dandelion, plantain and other weeds out of the lawn and transplanting. Each 25 cts. to 50 cts.

HAND WEEDER

Will work close to delicate plants, such as celery, onions, etc.
4 1/2-ft. handle.
Each 75 cts.

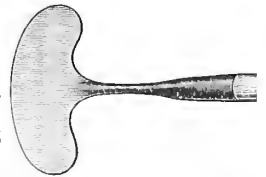


GARDEN REELS \$2.50

EXCELSIOR WEEDER
15 cts.

EDGING KNIVES

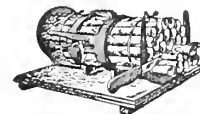
With Handle
For trimming edges of paths.
American.....\$1.00
English......85



MAGIC WEEDER
25 cts.

EUREKA WEEDING FORK

35 cts.



ACME ASPARAGUS BUNCHER

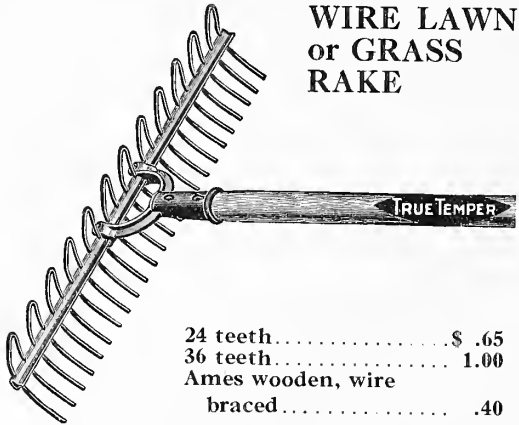
No. 1 makes bunch 3 to 3 1/2 in. diam. No. 2 makes bunch 4 to 4 1/2 in. diam. Length, adjustable, 7 to 9 in. Each \$2.00.



STEEL GARDEN SETS—For Ladies and Children

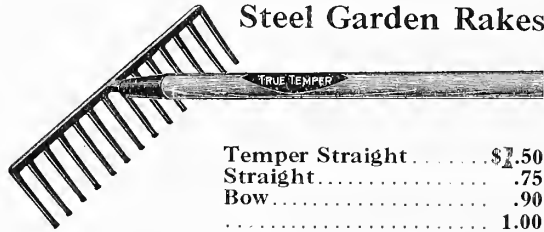
- | | | | |
|-------|-------------|-------|--------|
| No. 1 | Large size | ..... | \$1.25 |
| No. 2 | Medium size | ..... | 1.00 |
| No. 3 | Small size | ..... | .15 |

Owing to lack of space, we had to omit many.



**WIRE LAWN
or GRASS
RAKE**

24 teeth.....\$.65
36 teeth..... 1.00
Ames wooden, wire
braced..... .40



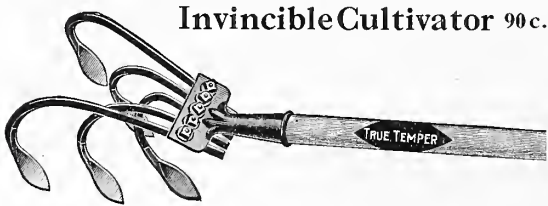
Steel Garden Rakes

Temper Straight.....\$1.50
Straight......75
Bow......90
..... 1.00



HOE and RAKE (Combined)

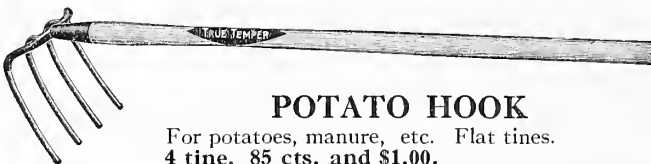
4 prong steel.....70 cts.
6 prong steel.....80 cts.



Invincible Cultivator 90c.

DIBBLE

Iron Point.....55 cts.
Brass Point.....90 cts.



POTATO HOOK

For potatoes, manure, etc. Flat tines.
4 tine, 85 cts. and \$1.00.



Two-Prong Onion Hoe

Will be found very valuable
in weeding in narrow rows.
No. 2P Price.....60 cts.

SQUARE HOES (Solid Shank)



6-7 inch.....65 to 75 cts.
Self-Sharpening.....90 cts.



STEEL WARREN HOE

90 cts.



STEEL SPADING FORKS

4 tine, \$1.15; 4 tine English, \$1.85



STEEL SPADES

Garden, 90 cts.; Ames, \$1.50

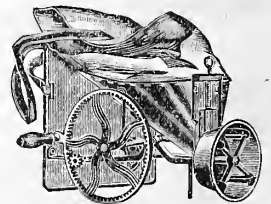


STEEL SHOVELS (Long Handle)

Garden, Round Point.....\$1.35
Ames, Round Point..... 1.50

CAHOON'S IMPROVED BROADCAST SEED SOWER

Will sow all kinds of
grass and grain seeds
from 4 to 8 acres per
hour at a common
walking gait. Heavy
seeds such as wheat, it
will throw 40 ft. (20
each side of the oper-
ator); lighter seeds, of
course, will not be thrown so far.



Cahoon Seeder.....\$3.50
Cyclone Seeder, very handy sower..... 1.75

We carry the largest assortment of garden tools to be found anywhere.
All Prices Subject to Market Changes.

INSECTICIDES AND FUNGICIDES

Marked * can be sent by Parcel Post at purchaser's expense. Consult your local Post Office for rates from Canton or Parcel Post rates on page 1

***ANT EXTERMINATOR.** Powder used for distributing around buildings, greenhouse benches, lawns, gardens, any other places infected by ants. 35 cts. per can.

APHINE. For destroying aphids, green fly, thrip, red spider, other greenhouse and outdoor insects. $\frac{1}{4}$ pt. 35 cts., $\frac{1}{2}$ pt. 45 cts., pt. 70 cts., qt. \$1.10, gal. \$2.75.

ARSENATE OF LEAD. (Powdered.) Extensively used. Is instantly soluble in water, a pound goes almost twice as far as two pounds of paste arsenate. Further, you do not have to pay transportation charges on water, which acts as a preservative in paste arsenate. 1 lb. dilutes 50 gals. of water. Lb. 50 cts., 5 lbs. \$2.25, 10 lbs. \$4.25, 25 lbs. \$10.50, 50 lbs. \$20.00.

BORDEAUX MIXTURE. Used principally for mildew, blight, fungous diseases that affect potatoes, fruit trees. **Paste Form:** 1 qt. 55 cts., gal. \$1.50, 5 gals. \$5.50. One gal. makes 50 gals. material. **Dry Form:** 1 lb. 50 cts., 5 lb. pkg. (makes 30 gals.) \$2.40, 10-lb. pkg. (makes 50 gals.) \$3.50.

BLACK LEAF 40. Concentrated solution of nicotine Sulphate, excellent spray for black aphid sucking insects of all kinds; dilutes 1 part to 900 or 1,000 parts of water, according to treatment. Full directions on each package. 1 oz. 25 cts., $\frac{1}{2}$ lb. 75 cts., 2 lbs. \$2.50, 10 lbs. \$10.75.

***BUG DEATH.** Largely used instead of Paris Green. Claimed to have same effect. Acts as a fertilizer as well as an insecticide. comes in powder form, is applied pure. Not poisonous to persons. Per lb. 20 cts., 3 lbs. 50 cts., 5 lbs. 75 cts., 12 $\frac{1}{2}$ lbs. \$1.50.

COPPER SOLUTION. Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple, and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt. 85 cts., \$2.25 per gal.

***DUSTING SULPHUR.** Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale when it is used in connection with lime and salt. Per lb. 15 cts., 45 cts. per 5 lbs., 25 lbs. \$2.00.

***CUT WORM DESTROYER.** For killing cut worms, grubs and maggots that work in the soil. 1 lb. 25 cts., 5 lbs. 80 cts., 10 lbs. \$1.25.

FUNGINE. Excellent remedy for fungous diseases of all kinds. $\frac{1}{4}$ pt. 25 cts., qt. \$1.00, gal. \$3.50.

***HELLEBORE.** Ideal material for destroying rose bugs, currant worms, other soft-shelled insects that infest the garden. Can be applied dry or in liquid form. $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

KEROSENE EMULSION. Diluted in water this makes an excellent spray for all mild forms of scale, soft lice of any kind, such as infest rose, and fruit bushes, vegetables and trees. Liquid dilutes 1 part to 20 parts of water. **Liquid:** Qt. 50 cts., gal. \$1.25.

***LIME SULPHUR.** (DRY POWDER FORM.) Powdered Lime Sulphur is becoming very popular on account of the small expense for shipping. Is instantly soluble in either cold or hot water, dilute 1 lb. to 6 gals. of water; does not separate, keeps indefinitely. Lb. 35 cts., 5 lbs. \$1.25, 10 lbs. \$1.75, 25 lbs. \$3.50, 50 lbs. \$5.50, 100 lbs. \$9.00.

NICO-FUME NIKOTTEEN. Used as a spray or as a vapor, principally in the latter way, it is placed in a tin sancer with lamp underneath, and the nicotine fumes are thus distributed. It is very effective in destroying thrip, aphids, white fly, and red spider, etc. Per $\frac{1}{4}$ lb. (about $\frac{1}{2}$ 1 pt.) 50 cts., \$1.50 per lb. (about 1 pt.), 4 lbs. (about $\frac{1}{2}$ gal.) \$5.50, \$10.50, 8 lbs.

PARIS GREEN. The chief merit of this article is the destruction of the potato bug. May be used in liquid form, 1 lb. in 50 gals. of water, or with Land Plaster at the rate of 1 lb. Paris Green to 100 lbs. Land Plaster. $\frac{1}{4}$ lb. 25 cts., $\frac{1}{2}$ lb. 40 cts., lb. 65 cts.

PYROX (BOWKER'S). A pasty substance used for all leaf-biting insects. Dilute 1 lb. to 5 gals. water. 40 cts. per lb., 5 lbs. \$1.35, \$2.50 per 10 lbs., 25 lbs. \$5.00.

SCALECIDE. The best spray for San Jose Scale, maple scale. It is not poisonous, mixes with cold water and is ready to apply. 1 gallon to 20 gallons of water sprayed on trees and bushes will kill every scale that it reaches without injury to tree or fruit if applied in late fall, winter or early spring while the foliage is off. Price, 1 qt., 45 cts.; 1-gal. can \$1.25, 5-gal. can \$4.00.

***SLUG SHOT.** The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. 5 lbs. 50 cts.

***SULPHO-TOBACCO SOAP.** For plants, trees, etc. 3-oz. pkg. 10 cts., 8-oz. pkg. 20 cts.

***TOBACCO DUST.** The best of the Tobacco Dusts for dusting or fumigating. Lb. 10 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. \$1.25, 100 lbs. \$3.50.

TOBACCO STEMS. Used for fumigating and under benches in greenhouses. Bale of 100 lbs. \$2.00.

***TREE TANGLEFOOT.** A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Lb. 45 cts., 3-lb. can \$1.30, 10-lb. can \$4.00, 20 lbs. \$7.50.

***WHALE OR FISH-OIL SOAP.** For mild forms of scale, and is an excellent summer spray, when something stronger cannot be used, where the San Jose Scale exists. Good for washing off lemon trees, oleanders and almost anything that would be infested with a soft-shelled or in fact almost any kind of insect. Dissolved in water according to various purposes. $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 5 lbs. \$1.50.

WORM ERADICATOR. When applied, the worms will immediately rise to the surface of the ground of flower-bed, or will fall off the trees, fruits or flowers, and in a few minutes will die. 35-ct. bottle makes 5 gals., 60-ct. bottle makes 10 gals.

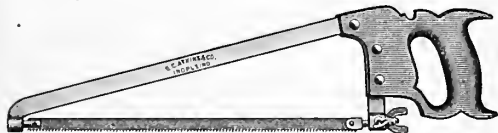
WEED KILLER. The dilution is 1 to 50 parts of water, made so easily that a boy or child can attend to it. A gal., diluted, is sufficient to cover a space 100 to 150 sq. yds. Application is best made with a watering can to insure uniform distribution, the most advisable time being after a rain, which is when weeds start to sprout and grow. Single applications last almost an entire season. Full directions as regards quantities needed, are printed on each container. Qt. (makes 51 qts.) 50 cts., $\frac{1}{2}$ gal. (makes 25 $\frac{1}{2}$ gals.) 75 cts., gal. (makes 51 gals.) \$1.25, 5 gals. (makes 255 gals.) \$5.00.

Owing to the scarcity of chemicals, prices on Insecticides and Fungicides subject to change without notice

RHODES' DOUBLE CUT PRUNER

The most powerful Pruner made. Cuts from both sides of the limb, and does not bruise the bark. Long ferrules; handles do not pull out; blades are of the best forged steel. 30-in., \$3.50.

HOLCO PRUNING SWIVEL SAW

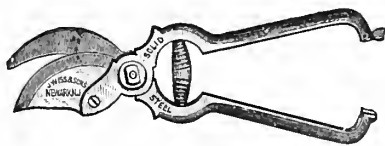
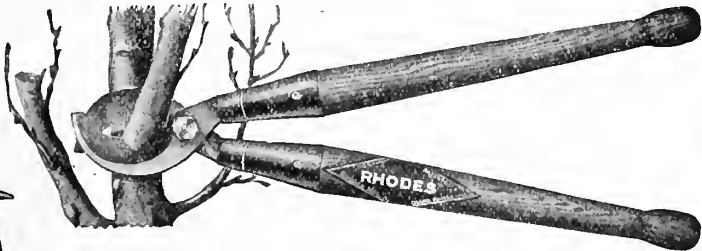
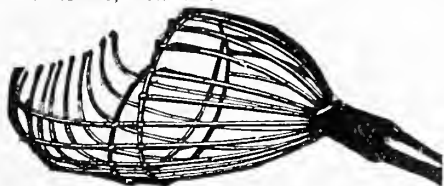


Very handy to use where the limbs are close together. The blade is adjustable to cut from any angle; it saves the trouble so often found when using ordinary Saws.

Each \$1.50. Extra blades, each 50 cts.

HOLCO FRUIT-PICKER

Each, 50c.



WISS PRUNING SHEARS

Wiss, 8 in. ....Ea. \$2.50	"Holco," 6 $\frac{1}{2}$ in. ....Ea. \$0.75
"Holco," 8 $\frac{1}{2}$ in. ....Ea. 1.50	Nickeled, 4 $\frac{1}{2}$ in. ....Ea. .85
"Holco," 7 $\frac{1}{2}$ in. ....Ea. 1.25	Extra Heavy, 5 in. ....Ea. 1.00

Plant Tubs, Flower Pots, Saucers, Etc.



EARTHEN FLOWER POTS

These cannot be sent by Parcel Post.

Height and Width Inside	Each	Doz.	100	1,000
2 in.	\$0.01	\$0.10	\$.75	\$ 6.75
2½ in.	.02	.13	1.00	9.00
3 in.	.02	.17	1.30	11.00
4 in.	.03	.26	2.00	17.50
4½ in.	.04	.36	2.70	24.00
5 in.	.05	.48	3.60	32.00
6 in.	.08	.72	5.40	45.00
7 in.	.12	1.18	9.00	
8 in.	.17	1.71	13.00	
9 in.	.26	2.64	20.00	
10 in.	.34	3.56	27.00	
11 in.	.52	5.28	40.00	
12 in.	.78	7.26	55.00	
14 in.	1.20	11.88	90.00	

EARTHENWARE SAUCERS

These cannot be sent by Parcel Post.

	Each	Doz.	100
4 in.	\$0.02		\$1.50
5 in.	.03	\$0.26	2.00
6 in.	.04	.39	3.00
7 in.	.05	.52	4.00
8 in.	.08	.72	5.50
9 in.	.09	.99	7.50
10 in.	.12	1.18	9.00
11 in.	.14	1.45	11.00
12 in.	.17	1.78	13.50
14 in.	.28	2.97	22.50



"Holco" Plant Tubs

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust.

	Inside Diam.	Each
No. 6	11 in.	\$1.00
No. 7	12 in.	1.25
No. 8	13 in.	1.60
No. 9	14 in.	1.85
No. 10	15 in.	2.00
No. 11	16 in.	2.25
No. 12	17 in.	2.65
No. 13	18 in.	3.00
No. 14	19 in.	3.80

Square Plant Stakes

These are painted green and nicely tapered and finished.

	Each	Doz.	100
1½ ft.	\$0.02	\$0.15	\$1.00
2 ft.	.02	.25	1.60
2½ ft.	.03	.35	2.30
3 ft.	.05	.55	3.75
3½ ft.	.06	.65	4.35
4 ft.	.07	.75	5.10
5 ft.	.09	1.00	6.90
6 ft.	.12	1.22	8.70

Cane Stakes (Natural)

Can be cut in lengths to suit.

Japanese, 5 to 6 ft., doz. 25 cts.,
100 \$1.25, 200 \$2.50, 1000 \$9.00.

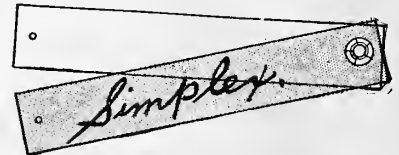


CEDAR PLANT TUBS

Equipped with Strong Iron Hoops

These are made by hand of the very best white cedar painted green. They will be found very much superior to lower priced cedar tubs.

	Outside Diam.	Black Iron Hoop
No. 0	27 in.	\$6.50
No. 1	25 in.	5.85
No. 2	23 in.	5.20
No. 3	21 in.	4.55
No. 4	19 in.	3.60
No. 5	18 in.	3.25
No. 6	16½ in.	2.60
No. 7	15 in.	2.30
No. 8	12 in.	2.00



LABELS

Waterproof, neat, convenient, permanent. The writing is protected by the transparent cover, and will last indefinitely if done with lead-pencil.

	Doz.	100
No. 1 3 x ½ in.	\$0.25	\$2.00
No. 2 4 x ¾ in.	.50	4.00
No. 3 5 x 1 in.	.75	6.00

Including cooper wires for attaching.

FERTILIZERS

Write for prices on larger quantities. All prices are subject to market changes

ASHES (Canadian Hard Wood). Apply 1,000 lbs. per acre. For top dressing lawn and grass fields, it is applied to best advantage either in very early spring or late fall. 5 lbs. 25 cts., per 10 lbs. 45 cts., 25 lbs. 75 cts., per 50 lbs. \$1.25, 100 lbs. \$2.00, per 200-lb. barrel, \$3.25.

BON ARBOR. A concentrated chemical fertilizer; used in liquid form according to directions on the packages. In powder form dilute 1 lb. of powder to 30 gals. water. ¼-lb. can 35 cts., 1 lb. 60 cts.

BONE AND PHOSPHATE. An ideal fertilizer for farm, lawn or garden crop. Apply at the rate of 400 to 600 lbs. per acre. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 125-lb. bag \$2.00.

BONE MEAL. (Fine ground.) Apply 600 to 800 lbs. per acre. Unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We recommend this especially for lawns, gardens and greenhouses, or any purpose where a high-class fertilizer counts. 3 lbs. 25 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. \$1.25, 50 lbs. \$2.00, 100 lbs. \$3.50.

COW OR CATTLE MANURE. (Shredded.) A fine top dressing for lawns, gardens or in greenhouses. 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. \$1.00, 50 lbs. \$1.75, 100 lbs. \$3.00.

LIME (See Lawnlime).

NITRATE OF SODA. Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Use as a top-dressing at the rate of 100 lbs. per acre on vegetables, when plants are well established. For home garden apply as a solution one to two gallons of water. Price (subject to market changes), 1 lb. 10 cts., 5 lb. 65 cts., 10 lb. \$1.15, 25 lb. \$2.00, 50 lb. \$3.75, 100 lb. \$7.25, sack \$14.00. Write for price on larger quantities.

MURIATE OF POTASH. Apply 100 to 150 lbs. per acre, usually with other fertilizers. Must be used with great care, is very powerful. Excellent for potatoes, corn, grains, etc. Analysis equal to 50 per cent actual potash. Lb. 20 cts.

PLANT FOOD. See Bon Arbor for House Plants

PULVERIZED SHEEP MANURE



Gives the soil what it needs to make things grow. This is probably the most extensively used of animal manures by the market or home gardener. The analysis shows it to be a perfectly balanced plant food.

Pulverized sheep manure acts quickly and is invaluable for vegetables, flowers, lawns, shrubs and fruit and field crops. It can be used without fear of weeds. Apply 100 pounds per thousand square feet.

5 lb. 35 cts., 10 lb. 60 cts., 25 lb. \$1.00, 50 lb. \$1.75, 100 lb. \$3.00. Write for prices on larger quantities.

LAWNLIME

The Grass and Garden Tonic.

Lawnlime will renovate old lawns and garden, cure the acidity of the soil. Promotes growth, gives grass a rich green color. For renewing old gardens and lawns it is unequalled. Guaranteed not to burn the sod. Has a tendency to prevent the growth of weeds. Apply one ton per acre on fields, ½ ton on lawns; 50 lbs. will cover 200 square feet.

50-lb. sack 50 cts., 3 sacks \$1.00, 500 lbs. \$3.50, ton \$10.00.

Prices on all Fertilizers subject to change without notice

PLANET Jr. FARM AND GARDEN TOOLS

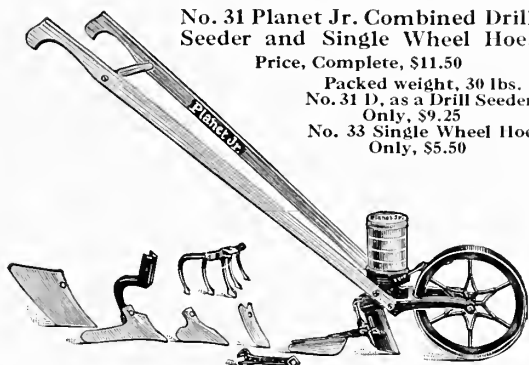
Old-time farming and gardening no longer pays—these scientific tools do the work of 3 to 6 men, give bigger yield, and save their cost in a single season. Invented and made by a practical farmer and manufacturer, with half a century's experience. Planet Jrs. are strong and lasting. Every tool fully guaranteed. Come and let us convince you of their economy. Special 72-page Planet Jr. catalog free.



No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.

Price, Complete,
\$17.00

Soon pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily. No. 4 D. Hill and Drill Seeder, same as above less the cultivating attachments, \$13.50.



No. 31 Planet Jr. Combined Drill Seeder and Single Wheel Hoe.

Price, Complete, \$11.50

Packed weight, 30 lbs.
No. 31 D. as a Drill Seeder
Only, \$9.25
No. 33 Single Wheel Hoe
Only, \$5.50

This new tool is of great value to gardeners who have never felt able to own either a seed drill or a wheel hoe. It will sow even a small packet of garden seed with great precision. Quickly changed to a splendid wheel hoe. A special machine for the small gardener.



No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow.

Price, \$20.00

As a seeder it is practically the same as the Planet Jr. No. 4, and sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth; rolling down and marking out the next row all at one passage. No time is lost. No seed is wasted.

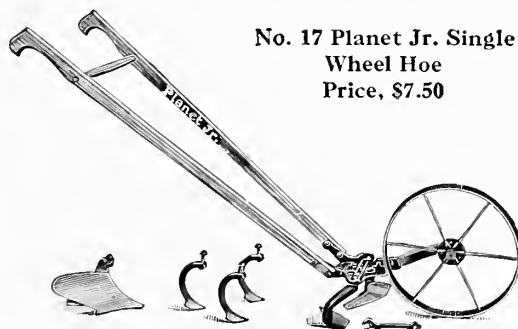
A splendid combination for the family garden, onion grower, or large gardener. It is a perfect seeder, and combined double and single wheel hoe.



No. 19 Planet Jr. Single Wheel Hoe, Cultivator and Plow

Price, \$5.50

This combination will delight the suburbanite or the growing boy who knows that a certain amount of garden work is to be part of his service. Women, younger or older, will find in this tool a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.



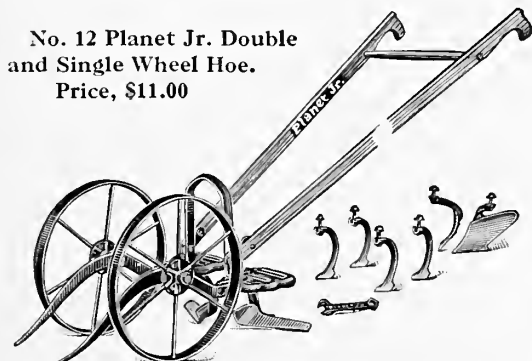
No. 17 Planet Jr. Single Wheel Hoe

Price, \$7.50

The highest type of Single Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest, and best way.

All attachments are of a special pattern, carefully tested by practical men; no others ever offered compare with them.

All the steel parts are high carbon steel, oil tempered and specially hardened, finely formed, finished and polished and work to a charm. Everyone who cultivates needs one.



No. 12 Planet Jr. Double and Single Wheel Hoe.

Price, \$11.00

A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world.

72-Page PLANET JR. CATALOG FREE

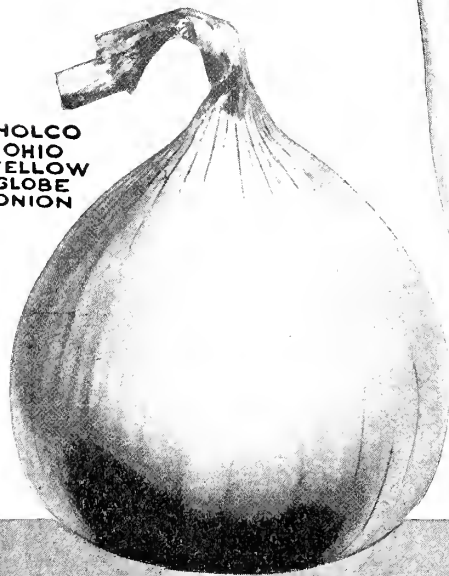
Describes 70 tools, including Seeders, Wheel Hoes, Horse Hoes, Harrows, Celery Hillers, Orchard and Beet Cultivators. Write postal for it.

Holco
QUALITY

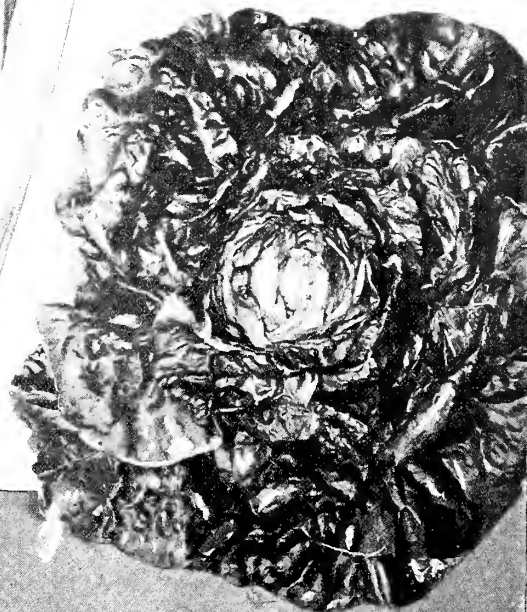


**HOLCO BIG
BOSTON LETTUCE**

**HOLCO
OHIO
YELLOW
GLOBE
ONION**



**HOLMES' GREEN
EMPEROR CELERY**



The
**HOLMES-LEATHERMAN
SEED COMPANY**
CANTON, OHIO